7. Voluntary Withdrawal Deadlines

The University of Winnipeg Senate approved a c2rM TJ/TT4 1 Tf16.1579 0 TD0 Tc0 Tw( )Tj-56.3835 -1.1504 TD.0006 Tc-.0002 Tw[((PHIA) bot)-7.3(h

DATES FOR THE 2017-18 ACADEMIC YEAR – Updated Nov. 29, 2017

March 2017						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Jun 14	LECTURES BEGIN for all course scheduled in the second 6 weeks of the 2017 Spring Term.
Jun 14	LECTURES RESUME for all courses in the 12 week term which begin on May 1, 2017 and end on July 26, 2017 of the 2017 Spring Term.
Jun 15	FINAL DATE to withdraw without academic penalty from courses in the second 4 week term which begin on May 31, 2017 and end on June 27, 2017 of the 2017 Spring Term.
Jun 15	Annual Spring Convocation for the conferring of

Feb 19 LOUIS RIEL DAY: University closed.

March 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17

Jun 14 LECTURES RESUME for all courses in the 12 week term which begin on May 1, 2018 and end on July 26, 2018 of the 2018 Spring Term.

Jun 14-15 Annual Spring Convocation for the conferring of degrees in Arts, Science, Business and Economics, Kinesiology, Education and Theology.

Jun 20 FINAL DATE to withdraw without academic penalty from courses in the second 4 week term which begin on May 31, 2018 and end on June 27, 2018 of the 2018 Spring Term

Jun 27 LECTURES END for all courses in the second 4 week term and the 8 week term of the 2018 Spring Term.

Jun 28-29 The Spring Term evaluation period for all final items of work for the second 4 week term and the 8 week term which can include scheduled tests, exams or the submission of papers or projects.

July 2018						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Jul 1 CANADA DAY: University closed.

Jul 2 UNIVERSITY CLOSED in lieu of Canada Day, Classes normally held on this day for courses in the second 6 week and 12 week terms will be scheduled on July 26, 2018.

Jul 3 LECTURES BEGIN for the Jump Start Session.

Jul 5 FINAL DATE to withdraw without academic

GLOSSARY

ers to dishonest student behaviours that subvert academic standards.
, improper research/academic practices, obstruction of the academic
uthorized modification of an academic record, aiding and abetting aca
alendar.

ing to and providing the necessary documentation to enroll in a degre

as been out of the educational system for three years or more and is
arners can be attending university for the first time, returning after a si
institutions, or seeking a second degree.

degree programs and PACE (Professional, Applied and Continuing Ed
called alumni. Upon graduation, these students automatically becom
uccessfully completed 30 credit hours of degree-credit courses may a

vailable to students who wish to seek redress for what they deem to b
administration, or to obtain exemption from a policy or regulation. App
Calendar. Some examples include deferred exams, incomplete term

Graduate Program ： A program of studies that leads a student to a Master's degree.

Graduation：The process whereby students, having completed all the requirements in a prescribed course of study, are awarded the degree(s) earned, after which they are called graduates or alumni. A student must apply, in advance, for graduation – see Regulations and Policies of the Academic Calendar.

-H/I/J/K/L-

Humanities：Refers to disciplines or courses that focus on the study of ideas about human culture and its expression through art forms and systems of thought.

Humanities Requirement ：The obligation of students in all degree programs to complete a minimum of 12 credit hours of designated Humanities courses. See Degree and Major Requirements in the Calendar for a list of courses which may be used to meet this requirement. http://www.uwinnipeg.ca/academics/calendar/docs/degreeandmajorrequirements.pdf

Incomplete：This term refers to the opportunity, granted to a student by the Senate Appeals Committee or an academic department, to complete items of term work after the end of the evaluation period for a course. Appeal procedures are outlined in Regulations and Policies of the Calendar.

Indigenous Course Requirement: Students first enrolling in Fall Term 2016 or later must take at least 3 credit hours from a list of courses approved by Senate. They may choose from a number of courses in which the greater part of the content is local Indigenous material — derived from or based on an analysis of the cultures, languages, history, ways of knowing or contemporary reality of the Indigenous peoples of North America. For more information and a list of eligible courses, please see the Degree and Major Requirements section of the Academic Calendar or visit http://uwinnipeg.ca/indigenous-course-requirement.

Informal Learning: This type of learning occurs anywhere, anytime and with anyone. It is how individuals manage their everyday lives, such as: dealing with emerging health issues, rearing children, conducting household renovations, volunteering in the community, hobbies and managing projects at work.

Institutional Credits: See "Residence Requirement."

-M/N/O-

Major：The major is the area of specialization undertaken as one of the requirements for a degree. Departmental majors require a student to take a minimum number of courses in an individual department. Interdisciplinary majors require a student to take relevant courses from a variety of departments in order to specialize in a topic wh

Pre-Professional Studies : A group of courses that can be taken at UWinnipeg and used to fulfill the admission requirements for professional programs at other Canadian universities. Admission requirements may be taken at The University of Winnipeg for professional faculties and schools including, Architecture/Environmental Design, Chiropractic, Dental Hygiene, Dentistry, Engineering, Journalism, Law, Medical Technology, Medicine, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Radiation Therapy, Respiratory Therapy, Social Work, and Veterinary Medicine.

Prerequisite: The preliminary requirement which must be met before a course can be taken.

Prerequisite Waiver: Written permission from the instructor and/or Departmen

Timetabling: The act of selecting and scheduling courses from the Timetable.

Transcript: The official document prepared by the Student Records Office of each student's complete academic history.

-U/V/W-

Undergraduate: A student registered in a program of studies which leads to a Bachelor's degree.

WebAdvisor

THE UNIVERSITY

Updated Apr. 25, 2017

1. Degrees Offered
   a. Undergraduate Degrees
   b. Graduate Degrees
2. Mission Statement
   a. Mission
   b. Guiding Principles

1. Degrees Offered

a. Undergraduate Degrees

The University confers the following undergraduate degrees in the Faculties of Arts, Science, Education, Business and Economics, and The Gupta Faculty of Kinesiology and Applied Health:

Bachelor of Arts	BA (90 credit hours)
Bachelor of Arts (4-Year)	BA (4-Yr) (120 credit hours)
Bachelor of Arts (Honours)	BA (Hons) (120 credit hours)
Bachelor of Science	BSc (90 credit hours)
Bachelor of Science (4-Year)	BSc(4-Yr) (120 credit hours)
Bachelor of Science (Honours)	BSc(Hons) (120 credit hours)
Bachelor of Education (Integrated with BA)	BEd/BA (150 credit hours)
Bachelor of Education (Integrated with BSc)	BEd/BSc (150 credit hours)
*Bachelor of Theology	BTh
Bachelor of Business Administration	BBA (90 credit hours)
Bachelor of Business Administration(4-Year)	BBA (4-Yr) (120 credit hours)
Bachelor of Physical and Health Education (3-Year)	BPHE (90 credit hours)
Bachelor of Kinesiology (4-Year)	BKin (120 credit hours)

b. Graduate Degrees

The University confers the following graduate degrees:

University of Winnipeg Master's Programs:	
Master of Arts in Indigenous Governance	MA
Master of Science in Applied Computer Science and Society	MSc
Master of Science in Bioscience, Technology and Public Policy	MSc
Master of Arts in Cultural Studies	MA
Master's in Developmental Practice with a Focus on Indigenous Development	MDP
Master of Arts in Environmental, Resource and Development Economics	MA
Masters in Management	MiM
Master of Marriage and Family Therapy	MMFT
Master of Arts in Theology	MA
*Master of Arts in Spiritual Disciplines and Ministry Practices	MA
*Master of Divinity	MDiv
*Master of Sacred Theology	STM

- x No new students are being accepted into these Theology programs at this time.

Joint Master's Programs with the University of Manitoba:	
Master of Arts in History	MA
Master of Arts in Religion	MA
Master of Public Administration	MPA
Master of Arts in Peace and Conflict Studies	MA

A new program -- Master of Arts in Criminal Justice – has been approved and will be launched within the next two years.

The unique character of The University of Winnipeg derives from the fact that we are a medium-sized university with a primary focus on undergraduate liberal education. This enables us to offer considerable breadth and depth in our programs while maintaining reasonable class sizes and enhanced interaction among students and between students, faculty and staff. It is an important part of our mission to preserve and, wherever possible, to enhance this character through carefully planned academic development and attention to the needs of our students, both full and part-time. The University will continue to seek improvements in its physical facilities and amenities, including ways in which the University can have a positive impact on the broader environment. These actions will require increased attention to matters of funding, through continued advocacy before the provincial government and the public on the University's financial needs, and through efforts to raise funds from the private sector in support of programs, facilities and scholarships.

In the true spirit of the nature of universities, The University of Winnipeg has an important role in the creation of new knowledge and the exploration of new ideas. Through support of the research and other scholarly activities of faculty members, including participation in graduate studies both within the institution and in collaboration with other universities, the University ensures that teaching and learning keep pace with the ever-changing state of knowledge. Further, we are committed to providing our undergraduates with opportunities to participate in, and contribute to, these activities at a relatively early stage in their academic development.

Through the Faculty of Graduate Studies, The University of Winnipeg will work in partnership with other colleges and universities and with various denominations and religious traditions to provide certificate and graduate programs in Theology.

Our commitment to excellence is extended to include secondary education through The Collegiate, and to life-long learning through Professional, Applied and Continuing Education (PACE).

As essential components of the University tradition, the values placed on equality and diversity, academic freedom, self governance and community service, provide the environment whereby a community of scholars, students, and faculty may have the freedom to examine ideas responsibly, and to participate in the academic operations of the institution through processes which reflect a balance between democracy, efficiency, innovation, and accountability. Our mission and role in society requires that we foster an exemplary employment environment and adopt policies and measures which foster an atmosphere free from racism, sexism, and all other forms of stereotyping, harassment, and discrimination. The University of Winnipeg values the contributions of all staff members to our academic enterprise, and will endeavour to provide a healthy work environment, improved career opportunities, and job satisfaction.

The University of Winnipeg strives to pay particular attention to ways in which institutional resources – human, cultural, athletic, and recreational – can improve the quality of life in the broader community. This includes cooperation with business, industry, government, and community groups, and actions which ensure that the public is well-informed about the University and has ample opportunities to communicate with it.

The University of Winnipeg recognizes that our most valuable community resource is our alumni. We are committed to maintaining our ties with our graduates through open communication, through increased involvement of our alumni in the activities of the University and the Alumni Association, and by providing opportunities for further education.

Up-to-date information on

- Registration
- Fees
- Awards and Financial Aid

can be found in the “Student” section of the University’s website at www.uwinnipeg.ca

ADMISSION PROCEDURES AND POLICIES

Updated Feb 15, 2017

1. Admission Process
    a. Student Number
    b. Application Fees

d. Application Deadline Dates

The application and all required documentation must be received by the Admissions Office by the scheduled deadlines See website:.
uwinnipeg.ca/future-student/apply/index.html

Contact information:
admissions@uwinnipeg.ca
204-779-UWIN (8946)
uwinnipeg.ca/future-student/index.html

e. Acceptance

Mature Access: meets Mature Access criteria and may enroll in two specified courses. Upon successful completion (minimum grade of C), the student will move to Mature status.
(International students are not eligible)

Probationary:

REGULATIONS & POLICIES

Updated Nov. 14, 2017

1. Information and Advice

2. Regulations Pertaining to Registration
   a. Period of Study for an Undergraduate degree
   b. Definition of Full-time/Part-time students
   c. Progress through Degree
   d. Course Auditors
   e. Maximum Course Load per Term
   f. Requisites (Prerequisites & Corequisites)
   g. Recommended Pre-Registration Advising
   h. Major Declaration and Advising
   i. Letters of Permission / Registration for Courses at Other Post-secondary Institutions for Transfer Credit
   j. Holds
   k. Student Health Plans

3. Classroom Regulations
   a. Attendance
   b. Course Outlines
   c. Completing Course Work
   d. Course Withdrawal/Drop
   e. Format of Submitted Work
   f. Identification at Tests and Examinations
   g. Posting of Grades

4. Grading
   a. Final Grades
   b. Notification of Grades
   c. Repeating Courses
   d. Calculating the Grade Point Average (GPA)
   e. Degree GPA (Graduation GPA)
   f. Cumulative GPA

5. Transcript of Academic Record

6. Recognition of Prior Learning

7. Academic Standing and Status Evaluation
   a. Grade Point Requirements for Degrees
   b . w- ib5 .6(i4 aa.4.3((A)21r( )4(ds, Bursari8(a)i)-)2.2-3.atucholarships, r Lze2-3.at 0 -1tio5561579 T04.0012 Tc90 Tw ( )TjMedals 0 -129.32D -48.7
   a. Academic Misconduct Policy/Procedures
   b. Non-academic Misconduct

9. Senate Appeals
   a. Information and Advice
   b. Admission
   c. Credit and Audit Status in Courses
   d. Deferred exams and Incomplete Term Work
   e. Retroactive Withdrawal
   f. Re-Admission
   g. Waiver of Graduation Requirements
   h. Further Appeal

10. Grade Appeals
   a. Grades on an Individual Item of Work
   b. Final Grades
   c. Further Appeal

11. University Policies And Codes
   a. Respectful Working and Learning Environment Policy and Procedures
   b. Service Animals on Campus Policy and Procedures
   c. Responsible Conduct in Research and Scholarship Policy
   d. Policies on Research And Experimental Ethics
   e. Library Policies
   f. Acceptable Use of Information Technology Policy

12. Graduation
   a. Application to Graduate
   b. Academic Dress

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1. Information and Advice

As expressed in its guiding principles, The University of
to contact for advice and further information.

Information on how to register for courses can be found in the “Registration” section of the website at www.uwinnipeg.ca

2. Regulations Pertaining to Registration

a. Period of Study for an Undergraduate Degree

While the University continues to offer students the conventional route of full-time study towards their degrees, students may choose to pursue the degree on a part-time basis or through some combination of full- and part-time studies. There is no limit to the time it takes to earn a degree.

b. Definition of Full-time / Part-time Students

Students will be registered in one of the two following categories:

- Full-time - Registered for minimum 9 credit hours per term
- Part-time - Registered for fewer than 9 credit hours per term

c. Progress through Degree

Students are considered to have completed the individual years of their degree programs at the following points:

- First year - 30 credit hours completed;
- Second year - 60 credit hours completed;
- Third year - 90 credit hours completed;
- Fourth year - 120 credit hours completed;
- Fifth year - 150 credit hours completed.

d. Course Auditors

Auditing a course means taking the course without receiving academic credit towards a degree. Audited courses will be recorded on the student transcript as AU.

	MATH 1102	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	MATH 1103	Pre-Calculus Mathematics 40S
	MATH 1201	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	MATH 1401	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Physics	PHYS 1101	Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	PHYS 1301	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Statistics	STAT 1301	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
	STAT 1501	Pre-Calculus Mathematics 40S or Applied Mathematics 40S

g. Recommended Pre-Registration Advising

Academic Advising is highly recommended for all newly accepted, first-year, continuing and transferring students. Academic Advisors can assist students with detailed information related to registration, programs, courses, procedures, student services and academic supports. This can be done prior to registration and at any point throughout their education.

First-year students can particularly benefit from information about the registration process. The University of Winnipeg also offers First Year Information (FYI) sessions during May, June and July. For details, please go to uwinnipeg.ca/fyi.

Failure to do so will result in an “F” grade(s).
- A maximum of 30 credit hours of course work may be taken on Letters of Permission for degree credit.
- Courses taken on a Letter of Permission cannot be used to fulfill The University of Winnipeg major or degree residence requirements. Students are cautioned to check the Calendar for the residence and degree requirements.

j. Holds

Any hold(s) such as a Library or Fee Hold on a student record must be cleared before a student may register. Suitable arrangements must be made with the department/area from which the hold originated to clear a record.

k. Student Health Plans

x UWSA Student Extended Health, Dental and Vision Plan

- The Student Health, Dental and Vision Plan is implemented by the University of Winnipeg Students’ Association (UWSA) for those students who are not already covered under their own or their parents’ benefits plans.
- Most full time students (except for Theology, Graduate, PACE, and undergraduate exchange students, who are not automatically enrolled but are able to opt in) and all international students, full and part time, are included in the UWSA Health, Dental and Vision Plan, and are automatically charged for this benefit as part of their registration.
- The Student Health, Dental and Vision Plan does NOT cover doctor visits, lab costs, or hospital costs. It is a supplemental plan that helps pay for situations not covered under Manitoba Health .i.e. prescription drugs, dental work, vision benefits and ambulance service.
- Full-time students (those taking 9 credit hours or more in any one term), excluding international students (who are required to be enrolled on the plan as part of their terms of study) may opt-out of the UWSA Health, Dental and Vision Plan, but they must provide proof of alternate coverage by completing the opt-out online process by the opt-out annual deadline.
- Part-time students (those taking less than 9 credit hours in any one term) may choose to join the plan by submitting an opt-change form to the Health Plan office by the opt-change deadline.
- All students can extend their UWSA health coverage to their spouse and/or dependents by submitting an opt-change form to the health plan office by the opt-change deadline.
For details, see website: http://theuwsa.ca/healthplan/

x International Students: Manitoba Health (basic)

International students are eligible for Manitoba Health coverage if they have a valid study permit issued by Citizenship and Immigration Canada (CIC) for a minimum of six months and also live in the province for a minimum of six months in a calendar year. Spouses and children of eligible students are also covered if they have visitor visas or are listed on the study permit and live in the province for a minimum of six months. Health coverage is only provided while the study permit is valid.

- What is covered by Manitoba Health?

Manitoba Health directly pays for medical care required, including visits to a health care provider, surgery and diagnostic tests. If a student is hospitalized, the province also covers:
- accommodation and meals at the standard level;
- nursing services;
- diagnostic and lab tests;
- medications given in the hospital;
- costs associated with surgery, including anaesthesia and surgical supplies;
- occupational, speech and physiotherapy; and
- dietary counselling.

- How to get your Manitoba Health card?

The University of Winnipeg requires international students to register with Manitoba Health as soon as they arrive in Manitoba. Registration forms can be printed from www.manitoba.ca/health/mhsip and either submitted in person, by email or mail to Manitoba Health’s Registration and Client Services at 300 Carlton Street, Winnipeg, Manitoba, R3B 3M9. Students must provide a photocopy of their Study Permit at the time of application. For more information about Manitoba Health coverage, visit www.manitoba.ca/health/mhsip or call (204) 786-7101 or 1-800-392-1207 toll-free.

International Students: Guard.me More health insurance plan (basic)

International students not eligible for Manitoba Health are required to purchase basic health coverage through The University, offered by Guard.me More. This plan provides hospital, emergency, ambulance, and private nursing. For a full listing of coverage details, please contact International Student Services or visit the international section of The University website. This coverage is for students who are studying less than six months and who are not eligible for Manitoba Health coverage through the Manitoba Government.

International Students: UWSA Green Shield health insurance plan (extended)

All international students are required to purchase extended health coverage through The University of Winnipeg Student Association, offered by Green Shield. This plan covers prescription drugs, vision, dental, ambulance, and repatriation of the deceased. For a full listing of coverage details, please contact UWSA Health Plan Office or visit

Grade Point System

Subjective evaluation	Letter grade	Grade points earned		Weighted grade points	
		6 credit hours	3 credit hours	6 credit hours	3 credit hours
Excellent	A+	4.5	2.25	27	13.5
	A	4.25	2.125	25.5	12.75
	A-	4	2	24	12
Superior	B+	3.5	1.75	21	10.16.96 682.5 .72 .r30.16.9678003 rrde

b. Awards, Bursaries, Scholarships, Prizes and Medals

The University of Winnipeg is committed to assisting students with their direct education costs and recognizing academic excellence. We offer diverse financial assistance opportunities for every student in our community, including awards for first generation students, Aboriginal students, students with disabilities, athletes and those enrolled in particular majors or year levels. All of the scholarship and financial assistance opportunities available at the University are listed online: uwinnipeg.ca/awards

Definitions:

- Awards are given to students based on financial need and academic achievement.
- Bursaries are awarded to students who demonstrate financial need.
- Scholarships are awarded for academic achievement.
- Prizes and Medals are awarded for academic achievement and are normally given at convocation, upon graduation.

Most awards must be applied for, but some are automatically offered to qualifying students. Below is information on one of our automatically offered undergraduate scholarships:

Academic Proficiency Scholarship

These scholarships are awarded to all currently registered students who have achieved a cumulative grade point average of 4.00 or higher on at least 12 credit hours completed in the previous Fall/Winter and Summer sessions combined. Students will be considered for this scholarship after the completion of 30 credit hours at The University of Winnipeg. Eligible students will be rank-ordered and awards will be offered to them, beginning with those at the top of the list, until all the money in the scholarship budget has been disbursed or until the last student on the list has received an offer, whichever comes first. Graduated students who are not currently enrolled who have met the criteria will rell be 6(ia)-7.5(will r)36-0 TD

d. Probationary Status Students

Students are placed on probation when their end of term evaluation shows that their performance level has fallen below the minimum required. Probationary status is effective immediately.

When students are on probation, their performance level is re-evaluated after subsequent terms. At that time, to remain at the University, they must have achieved one of the following conditions:

– To regain Regular status, students must meet the performance level based on all courses attempted.

– To remain on Probationary status, students must obtain a minimum 2.0 GPA on courses attempted since the last assessment.

Failure to achieve either of these two conditions will result in academic suspension.

Students on probation cannot enrol at other universities to try to remove the probationary status, and should consult an Academic Advisor to discuss their course load, their course selection, and the effects of probation on their academic career.

Students in the Integrated BEd/BA or BSc program who are placed on probation are removed from the BEd portion of the program but can remain in the Arts or Science program. They can seek readmission to the BEd program as a Transfer or After-Degree applicant if they achieve Regular status and meet the admission requirements. Applicants to the BEd program must be on Regular or Mature status.

e. Mature Status Students

Mature status students are admitted on probation . After 24 credit hours, if they meet the minimum performance level indicated in the Minimum Performance Table, they are given Regular student status. They may be given Regular status if they meet the minimum performance level with fewer than 24 credit hours. If they do not meet the minimum

- submitting the same work for evaluation to more than one course without the consent of each instructor to do so;
- two or more students submitting identical or virtually identical work for evaluation when the work was intended to be completed individually.

ii) Cheating
Cheating is an attempt to gain an improper advantage in an academic evaluation (e.g.,examinations, tests, or assignments).
Acts of cheating may include, but are not limited to, one or more of the following:
- copying another person's answer;

-Additionally, all Definitions in the Academic Misconduct Policy are incorporated into these Procedures and shall apply as fully as if they had been set out verbatim herein.

Principles:
1.A student alleged to have committed an act of academic misconduct has a right to be accompanied by another person for any personal attendance before University officials and/or committees pursuant to this Policy. The accompanying person may provide support by supplementing the student's presentation to:
-raise specifics of the case as previously discussed between that person and the student;
-raise procedural matters if correct procedures have not been followed;
-assist in overcoming barriers the student may be experiencing including language comprehension issues or discomfort presenting;
-deliver a closing statement.

2.Every effort shall be made to ensure that confidentiality is maintained by the University at every point in the process up to a finding of academic misconduct having been finally made or determined. Additionally, every effort will be made to ensure that anonymity shall be maintained in all case summaries and reporting except that the University shall be free to report or disclose a finding of academic misconduct on any official University records including a transcript or in response to a question by other academic institutions.

3.No person who was previously involved with the consideration of allegations of academic misconduct may be involved as a voting committee member in later stages related to that same incident.

4.At the onset of any level of the process, a student alleged to have committed an act of academic misconduct shall be notified that he/she may raise an objection concerning conflict of interest or bias at the outset. If the student fails to do so, he/she is deemed to have waived any objection.

5. Where an objection concerning conflict of interest or bias has been raised, the student may appeal a dismissal of a conflict or bias objection to the Senate Academic Misconduct Committee, which shall determine if the conflict or bias

Misconduct Committee shall be provided with a copy of the notice sent to the student.

At the expiry of:
a) 10 calendar days (if no representation in writing is received or the student has not appeared in person to be heard) or
b) 5 working days after receiving the student's representation in writing or the student having appeared in person the faculty, department or divisional designate as may be appropriate shall:

i) review all available and relevant information and documents (which may include meeting with the student),

ii) make a recommendation to the Senate Academic Misconduct Committee as to whether or not an act of academic misconduct has been committed, and recommend an appropriate penalty.

The student and the Instructor will not be informed of this recommendation at this point of the process.

Within 2 working days of making its recommendation, the faculty, department, or divisional designate shall forward the complete record of the process to the Chair of the Senate Academic Misconduct Committee, which record shall include the following documents:

-a report of the process to that point, and reasons for recommendation, and the recommended penalty, if applicable;
- the Instructor's file;
-a record of any communication with and by the student in question;
-any further relevant materials, including course outline and any departmental policy regarding academic misconduct.

LEVEL III: The Senate Academic Misconduct Committee
The Chair of the Senate Academic Misconduct Committee upon receipt of the written report of the faculty, department or divisional designate, or upon receipt of allegations of misconduct arising other than within a course, shall notify the student in writing of:
-the recommendation of Level II and of his/her right to appeal the recommendation, or
-where allegations of misconduct arising other than within a course have been received, the student's right to respond to the allegations.
The student shall have 10 calendar days from receipt of such notice to appeal the recommendation or respond to the allegations by making a submission in writing and/ or to have submitted a request in writing to appear before the Committee. Any such submission by a student must have been received with the 10 calendar day period.

Committee Process
Where within 10 calendar days following receipt by the

In cases where the Committee receives a written request from a student for a hearing, the Committee shall schedule a hearing. At such a hearing, the student may be accompanied by another person.

In cases where the student does not request a hearing, the Committee may decide the matter based on the written material and other available evidence and information.

The Senate Academic Misconduct Appeals Committee will have access to all relevant material:
-all material forwarded from levels I, II and III;
-a summary report of the case, processes used in level IV, decisions and reasons for them;
-all Senate Academic Misconduct Appeals Committee communications,
-written or transcribed from an oral interview, concerning the case;
-the minutes of all relevant Senate Academic Misconduct Appeals Committee meetings;
-any new information relevant to the case and not presented at Level I, II or III;
-the confidential Dean's Office file relevant to the case;
-a summary report of the case, decisions and reasons for the recommendation.

After considering all of the available and relevant material, information and evidence, the Senate Academic Misconduct Appeals Committee may:
-uphold a finding of academic misconduct;
-revise a finding of academic misconduct;
-confirm a penalty;
-assess a different penalty; or
-allow the appeal and dismiss the notification of decision.

Notification of Decision
The Senate Academic Misconduct Appeals Committee shall, within 2 working days, provide written notice to the student and the Instructor through the appropriate DRC,/ARC, as well as the Senate Academic Misconduct Committee of its decision and its reasons.

Academic Misconduct Files
Level I: There is no permanent file kept. All documents are submitted to Level II.

Level II: There is no permanent file kept. All documents are submitted to Level III.

Level III: A confidential file of each case is kept for a period of no longer than two years after resolution by the Senate Academic Misconduct Committee in the office of the Dean who is Chair of the Committee.
This file contains the following information:
-all material forwarded from levels I and II;
-a summary report of the case, processes used in level III, decisions and reasons for them;
-all Senate Academic Misconduct Committee communications concerning the case;
-any new information relevant to the case and not presented at Level I, II or III;
-a summary report of the case, decisions and reasons for the recommendation;
-meeting notes of the meetings of the Committee.

Level IV: A confidential file is kept by the Office of the Dean who is Chair of the Senate Academic Misconduct Committee. The file contains all documentation considered during the Senate Academic Misconduct appeals process, and will be kept for no more than two years after resolution.

The official archival files containing the confidential records of all academic misconduct cases are kept in the Office of the Dean who is Chair of the Senate Academic Misconduct Committee for no more than two years after resolution.

A confidential archival file recording all cases occurring during an academic year is kept for no longer than seven years.
This file contains the following information:
the index of names, dates and kinds of misconduct, penalties, and dismissals of all misconduct cases;
a summary of each misconduct case.

When academic misconduct has been found NOT to have occurred:
-the actual records of the case will be destroyed;
-case summaries will be kept indefinitely.

Case Summaries
The summary of each case will include a brief outline of the case, any disciplinary action taken, and the reasons for the action. In all cases, the summary will be written in such a way as to ensure complete confidentiality and anonymity for the student.

Access to Archival Discipline Files
Only the Academic Misconduct Committee and the Vice-President Academic have the right to access the archival files and only on a need-to-know basis.

Student Records and Notations of Disciplinary Action
The Chair of the Academic Misconduct Committee shall notify theRecords Office of all disciplinary actions taken; this includes penalties assessed, subsequent appeals and the appeals outcomes. If the penalty involves suspension or expulsion from the University, the Chair of Academic Misconduct Committee will inform the Records Office of the need for this to appear on the student's record, how long should remain on the record, and the conditions for removing it from the record.
The Records Office may be asked by the Chair of Academic Misconduct Committee to withhold the issuance of transcripts or statement of grades for the student disciplined pending the expiry of the appeal or exhaustion of the appeal process.

The student's official file in the Records Office should only contain the final decisions of penalty should the student be found guilty of academic misconduct. Where the student has been found guilty, this record will be removed upon the student's graduation. In a case where the final decision is a finding that no academic misconduct occurred, thus overturning a previous penalty, all material pertaining to the case will be destroyed.

Notations on Student History/Record
If the penalty is a lowered or failing grade for a specific item of work or for a course in its entirety, there is no notation placed on the student history and transcript. The history and transcript will reflect the grade as though it were an earned grade.

If the penalty is suspension from the University, a notation is placed both on the Student History and the official transcript. The notation is removed two years after termination of suspension.

If the penalty is expulsion from the University, the notation remains permanently on both the Student History and the official transcript. This notation may only be removed upon successful petition to The Senate Academic Misconduct Appeals Committee.

Academic Misconduct and the University Community

Evaluation and Annual Report to the University Community
An annual report will be presented to Senate by the Chair of the Academic Misconduct Committee. The report will be presented in such a way as to maintain confidentiality and anonymity. It will chronicle the number of cases, the faculties, departments, divisions, and units and, where feasible, the courses in which they occurred, the types of misconduct, and the kinds of penalties assessed. This report will be based on information received from levels II, III, and IV. This report will also be published so that members of the University community shall be kept informed of the nature and disposition of cases dealt with under this Policy. In addition, should the evaluation reveal a pattern of academic misconduct that is identifiable with respect to the factors evaluated, the Senate Academic Misconduct Committee may recommend to Senate changes in policy, preventative actions and/or any matters, as appropriate.

Responsibility of Members of the Academic Community
All members of the University community have the responsibility to ensure that students are familiar with generally accepted standards and requirements of academic honesty.
However, ignorance of these standards will not preclude the imposition of penalties for academic misconduct.

Review:
These procedures shall be reviewed in conjunction with the Policy review at least once every five years.

b.

For incomplete term work, students must normally contact an Academic Advisor no later than the end of the evaluation period.

Deadlines for Completing Work or Exams

Examinations deferred by the Senate Appeals Committee will normally be scheduled during a special examination period.

Incomplete term work must be submitted within a time period determined by the department or the instructor, or by the Senate Appeals Committee in consultation with the instructor (see below).

Term	Exam or Final Test by	Term Work by
Courses ending in December		

All appeals submitted to the Chair of the Departmental Review Committee should include:
– a copy of the work which is the subject of the appeal;
– grounds for the appeal;
– a summary of the conversation with the instructor.

Students should expect that the disputed grade will be reviewed in a context other than the one that generated the original grade. Either the Committee or the Department Chair notifies the student in writing of the result of the appeal. The instructor will be fully informed of the student's submission.

b. Final Grades

guidelines. The Library's Copyright Office provides copyright information via its website, answers questions related to copyright and obtains copyright clearances or permissions when required. Please see http://copyright.uwinnipeg.ca/

The Facilities Use Policy:
The purpose of this policy is to create and maintain a respectful environment in Library facilities for its users and the campus community, and applies to all UW faculty, staff, students, alumni and members of the public who physically come in to the library to make use of its facilities or to borrow library materials. It outlines appropriate personal and interpersonal behavior related to food, drink and noise.

Borrowing and Fine Policies:
The purpose of this policy is to establish service and user responsibility guidelines for the temporary exclusive personal use of library materials and applies to all faculty, students, staff, alumni and Special Borrowers when they sign out library materials on their account. Fines are intended primarily as a deterrent to late or non-return of material in order to maintain the availability of resources to all members of the University community. Please see: http://library.uwinnipeg.ca/about-us/loan-periods-and-fines

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f. Acceptable Use of Information Technology Policy
The purpose of this policy is to clearly establish rules and regulations outlining the usage of computers, computing and network resources and the facilities in which they reside at The University of Winnipeg. This policy pertains to all employees, students and authorized external parties (the "University community") who have been granted access to use the University of Winnipeg computer and networking facilities and resources.
The policy may be found at: https://www.uwinnipeg.ca/institutional-analysis/docs/policies/acceptable-use-of-information-technology-policy.pdf

12. Graduation

DEGREE AND MAJOR REQUIREMENTS

Updated July 21, 2017

1. Information and Advice
2. General Degree Requirements

- students receiving 5 or more in IB English
- students receiving 4 or more in AP English Lit/Comp or Lang/Comp
- students who have successfully completed 24 or more hours of transfer credit
- students receiving 5.0 on the writing component of the CanTEST or TWE or 7.0 or more on IELTS writing
- students in the After-Degree BEd Program
- students in master's-level programs
- students whose first registration at The University of Winnipeg was prior to September 1989.

Students who are required to take 3 credit hours of 1000-level Academic Writing:
- students receiving 60% or more but less than 80% average

	THFM-2406(3); THFM-2410(6); THFM-2610(3); THFM-2611(3); THFM-2612(3); THFM-2701(6); THFM-2703(3); THFM-2805(3); THFM-3190(3); THFM-3401(3); THFM-3402(3); THFM-3502(6); THFM-3701(6); THFM-4134(6); THFM-4441(3).
Women's and GenderStudies	Only WGS-1232(6); WGS-2001(3); WGS-2251(3); WGS-2256(3); WGS-2258(3); WGS-2260(6); WGS-2262(3); WGS-2264(3); WGS-2270; WGS-2912(3); WGS-2922(3); WGS-2933(3); WGS-3005(3); WGS-3040(6); WGS-3133(3); WGS-3146(3); WGS-3147(3); WGS-3523(3); WGS-3571(3).

Notes: - HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.
- Courses that meet both the Humanities and Social Science Requirements may only be used toward one of those requirements.

c. The Science Requirement

Students must complete a minimum of 6 credit hours in Science courses at or above the 1000 level in the Bachelor of Arts, Bachelor of Business Administration, Bachelor of Kinesiology, and Bachelor of Physical and Health Education degrees and 18 credit hours at or above the 1000 level in the Bachelor of Science degree. In some cases, students may fulfil the Science Requirement and the Major Requirement with the same courses. In others, additional courses identified by the department must be taken. (Cross-listed courses will fulfil the Science requirement if one of the course numbers is designated as Science.)

The following University of Winnipeg subject area courses fulfil the Science requirement:

Anthropology:	Only ANTH-2300(3); ANTH-2304(3); ANTH-3207(3); ANTH-3302(3); ANTH-3306(3); ANTH-3308; ANTH-3309(3); ANTH-4212(3); ANTH-4302(3); ANTH-4303(3); ANTH-4305(3); ANTH-4307(3); ANTH-4308(3); ANTH-4309(3); ANTH-4311(3).
Applied Computer Science:	All courses except ACS-1453(3), ACS-1803(3), ACS-2916(3).
Biology:	All courses
Chemistry:	All courses except CHEM-0100(3)
Environmental Studies and Sciences:	Only ENV-1600(3); ENV-2401(3); ENV-2603(3); ENV-2604(3); ENV-3476(3); ENV-3611(3).
Geography:	Only GEOG-1201(3); GEOG-1202(3); GEOG-2207(3); GEOG-2210(3); GEOG-2213(3); GEOG-2214(3); GEOG-2215(3); GEOG-2216(3); GEOG-2218(3); GEOG-2219(3); GEOG-2304(3); GEOG-2306(3); GEOG-2316(3);GEOG-3210(3); GEOG-3215(3); GEOG-3306(3); GEOG-3307(3); GEOG-3319(3); GEOG-4203(3); GEOG-4212(3); GEOG-4231(3); GEOG-4320(3); GEOG-4321(3); GEOG-4322(3);.
History:	Only HIST-2900(6).
Indigenous Studies:	Only IS-3201(3), IS-4026(3)
International Development Studies	Only IDS-2603(3).
Kinesiology and Applied Health:	Only KIN-2201(3); KIN-2202(3); KIN-2204(3); KIN-2301(3); KIN-2304(3); KIN-2500(3); KIN-2501(3); KIN-3106(3); KIN-3107(3); KIN-3201(3); KIN-3304(3); KIN-3500(6); KIN-3501(3); KIN-3502(3); KIN-3505(3); KIN-4201(3); KIN-4207(3); KIN-4301(3); KIN-4500(6); KIN-4501(3); KIN-4502(3)
Mathematics:	All courses except MATH-2305(3)
Physics:	All courses
Psychology :	Only PSYC-2101(3); PSYC-2102(3); PSYC-2600(3); PSYC-2610(3); PSYC-2620(3); PSYC-2800(3); PSYC-2900(3); PSY-2920(3).
Sociology:	Only SOC-2125(3)
Statistics:	All courses

Note: The following courses do not fulfil the Science requirement for the BA degree:
- Courses offered by the History Department in the History of Science area other than HIST-2900(6).
Note: HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.

d. The 4-Year BA, BBA and BKin Social Science Requirement

Students seeking a 4-year BA, BBA or BKin must complete a minimum of 12 credit hours in Social Science courses. Where relevant, a course may fulfill both the Major and Social Sciences requirement at the same time.

The following subject area courses fulfil the Social Science requirement:

Anthropology:	All courses.
Business and Administration:	Only BUS-2300; BUS-3321.
Conflict Resolution Studies:	Only CRS-3242(3).
Disability Studies:	Only DIS-2200(3)
Economics:	All courses.
Environmental Studies and Sciences:	Only ENV-2416(3); ENV-2502(3); ENV-3004(3).
Geography:	Only human and regional courses, GEOG-X4XX and GEOG-X5XX
Human Rights:	Only HR-3553(3)
Indigenous Studies:	Only IS-2020(3);IS-301(3)2;IS-3104(3); IS-4024(3); IS-4445(3).
International Development Studies:	Only IDS-2160(3);IDS-2186(3); IDS-3160(3); IDS-4824(3).
Kinesiology and Applied Health:	Only KIN-3060(3).
Linguistics:	Only LING-1001(6); LING-2002(3); LING-2003(3); LING-2004(3); LING-2101(3); LING-2102(3); LING-2103(3); LING-3001(6); LING-3006(3); LING-3101(3); LING-3102(3); LING-4001(3); LING-4005(3); LING-4006(3); LING-4102(3).
Political Science:	All courses
Psychology:	All courses
Religion and Culture	Only REL-2709(3); REL-2716(3); REL-2719(3); REL-3553(3);

REL-4553(3).

Sociology: All courses

Urban and Inner City Studies: Only UIC-2020(3); UIC-3020(3); UIC-3110(3); UIC-4445(3).

Women's and Gender Studies: Only WGS-1232(6); WGS-2251(3); WGS-2256 (3); WGS-2260(6); WGS-2264(3); WGS-2270(3); WGS-2300(3); WGS-2416(3); WGS-3003(3); WGS-3004(3); WGS-3020(3); WGS-3200(6); WGS-3212(6); WGS-3242(3); WGS-3301(3); WGS-3302(3); WGS-3321(3).

Note: Courses that meet both the Humanities and Social Science Requirements may only be used toward one of those requirements.

Bioanthropology (BANT)	3-Year, 4-Year
Biochemistry (BCHM)	3-Year, 4-Year, Honours
Biology (BIOL)	3-Year, 4-Year, Honours, 4-Year Joint Applied (UW/RRC)
Biopsychology (BPSY)	3-Year, 4-Year, Honours
Chemistry (CHEM)	3-Year, 4-Year, Honours, 4-Year Joint Applied (UW/RRC)
Environmental Studies and Sciences (ENV)	4-Year, Honours, 5-Year Joint Applied(UW/RRC)
Geography (GEOG)	3-Year, 4-Year, Honours, 4-Year Joint (UW/RRC)
Kinesiology and Applied Health (KIN)	4-Year
Mathematics (MATH)	3-Year, 4-Year, Honours
Physics (PHYS)	3-Year, 4-Year, Honours
Radiation Therapy (RT)	4-Year Joint (UW/CancerCare Manitoba)
Statistics (STAT)	3-Year, 4-Year

Bachelor of Business Administration

Business Administration (BUS)	3-Year, 4-Year, Joint 3-Year and 4-Year (UW/RRC)
Economics and Finance (EFIN)	4-Year

Bachelor of Physical and Health Education

Kinesiology and Applied Health (KIN)	3-Year

Bachelor of Kinesiology

Kinesiology and Applied Health (KIN)	4-Year

NOTE: For Bachelor of Education majors, see the "Education" section of this Academic Calendar.

4. The Minor

A student within any 3-Year, 4-Year, or Honours degree program may choose to complete a Minor, consisting of 18 credit hours of designated courses within a Department or Program other than their Major, provided that other Department or Program offers a Minor. The list of Departments and Programs that have an approved Minor appears below. Students do not declare this Minor during their program, but should submit to the Student Records Office written confirmation of completion from the Minor Department or Program as an exit requirement at the time of application for graduation. For Bachelor of Education Teachable Minors, please see the "Education" section of this Academic Calendar.

Departments and Programs offering Minors

Applied Computer Science (ACS)
Anthropology (ANTH)
Biological Anthropology (ANTH)
Classics, Civilization Stream (CLAS)
Classics, Language Stream (CLAS)
Comparative Literature (COMP)
Conflict Resolutions Studies (CRS)
Criminal Justice (CJ)
Disability Studies (DIS)
East Asian Languages and Cultures (EALC)
Economics (ECON)
English (ENGL)
French Studies (FREN)
Geography (GEOG)

Double Major:	Minimum 18 credit hours in each major.
Combined Major:	Minimum 12 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirements

Single Major:	Minimum 30 or 36 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 30 or 36 credit hours/Maximum 48 credit hours in each major subject, or as specified by the department/program.
Combined Major:	Minimum 48 credit hours from 2 different majors with no less than 18 credit hours from each major subject.

b. 4-Year Bachelor of Arts

The 4-Year Bachelor of Arts offers students the advantages of substantial specialization in a major field of study combined with a wide background in the liberal arts and sciences.

Program requirements may vary. Students should consult the individual department/program entries for specific course and program requirements.

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
Double Major:	Minimum 30 credit hours in each major.
Combined Major:	Minimum 15 credit hours in each major area.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirement

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified in the department/ program.
Combined Major:	Minimum 60 credit hours from 2 Major subjects with not less than 24 credit hours from each major subject.

c. Bachelor of Arts Honours

The Bachelor of Arts Honours offers students the opportunity for intensive study in a major field of study. The Honours program is designed to prepare qualified students for graduate study and to provide understanding of, and qualification in, a given field of study for employment opportunities.

Departmental Honours programs vary. Students should consult the individual department/program for specific course and program requirements.

Admission Requirement

Entry after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 in Honours subject courses and 2.5 in Non-Honours subject courses.

The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.5 GPA in all Non-Honours subject courses will be calculated as for a general degree (F's are not included, and in the case of repeated courses, only the highest grade will be used).

Graduation Requirement 120 credit hours

Residence Requirement

Degree:	Minimum 60 credit hours
Honours Subject:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000), of which a minimum 9 credit hours are at the 4000 level.
Double Honours:	Minimum 30 credit hours, including 18 credit hours at upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level in each Honours subject.

General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	Minimum 3 credit hours
Distribution:	Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Honours Subject Requirements

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours. Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 15 credit hours in the Honours subject at the 4000 level. (Program requirements may vary from a minimum of 15 credit hours to a maximum of 30 credit hours at the 4000 level).
Double Honours:	Minimum 36 credit hours in each Honours subject as specified in each 4( )]TJ T* ed to pcm,each 4(.-6.9h 9 cre( )-1dit w [(

GPA should consult the relevant department/program concerned regarding eligibility.

d. 4-Year Bachelor of Arts Joint Degree/Diploma in Communications - UW/RRC

The University of Winnipeg Department of Rhetoric, Writing, and Communications in cooperation with Red River College offer a Joint Degree/Diploma in Communications.

Admission Information

Writing: Minimum one 3 credit hour course of Academic Writing.
Indigenous: Minimum 3 credit hours
Distribution: Minimum 3 credit hours in each of five (5) subject areas.
Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Honours Subject Requirement
Single Honours: Minimum 54 credit hours
Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 12 credit hours in the Honours subject at the 4000 level.

d. 4-Year Bachelor of Science Applied - UWinnipeg/RRC
The 4-Year Joint Bachelor of Science qualifies students for a joint degree parchment from both The University of Winnipeg and Red River College. The joint program offers students a synthesis of theoretically-based and applied studies coupled with a background in the liberal arts and sciences. The program offers students the option of a cooperative or regular stream of studies. Note: The Joint Environmental Science Degree is a five-year program.

Graduation Requirement 120 credit hours
Residence Requirement
Degree: Minimum 60 credit hours
Major: Minimum 30 credit hours
General Degree Requirements
Humanities: 12 credit hours
Science: As detailed in each department/program.
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: Minimum 3 credit hours
Distribution: Minimum 3 credit hours in each of five (5) subject areas.

Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level including maximum 6 credit hours at the 0000 level.
Major Requirement Minimum 51 credit hours - the courses are listed in the departments offering the majors.

7. Bachelor of Business Administration Degree Requirements

a. 3-Year Bachelor of Business Administration
The 3-Year Bachelor of Business Administration degree program provides students with a business education as well as a solid background in the liberal arts and sciences. Program requirements may vary. Students should consult individual department entries for specific course and program requirements.

Graduation Requirements 90 credit hours
Residence Requirement
Degree: Minimum 30 credit hours
Major: Minimum 18 credit hours
Combined Major: Minimum 12 credit hours in each major area.
General Degree Requirements
Humanities: 12 credit hours
Science: 6 credit hours
Writing: Minimum 3 credit hours of Academic Writing.
Indigenous: Minimum 3 credit hours
Distribution: Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

Major Requirements
Single Major: Minimum 36 credit hours
Combined Major: Minimum 48 credit hours from 2 different majors with no less than 18 credit hours from each major subject.

b. 4-Year Bachelor of Business Administration
The 4-Year Bachelor of Business Administration offers

Combined Major:.0004 Tti7s(r Wde 04 TD .0Tc 0 and)]Tw [(depar)-8.[ces. The pr
Ma.1( )1308.3(Minimum)1977.4(30)19 Mir
General Degree Requirements
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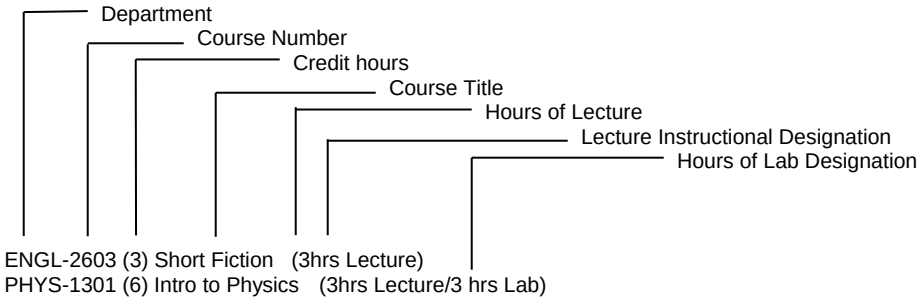
10. Bachelor of Kinesiology Requirements
    Please see the “Kinesiology and Applied Health” section of this Academic Calendar.

11. Second Bachelor Degree Requirements
    This Section outlines the regulations specific to students seeking a second or simultaneous University of Winnipeg Arts, Business Administration, Kinesiology, Physical and Health Education, or Science degrees.

b. Key to Course Descriptions



Instructional Designations:

Lecture/Discussion
Lab
Seminar/Discussion
Directed Reading
Tutorial
Project/Thesis
Variable meeting hours
Apprenticeship/Internship/Practicum

c. Course Levels

Courses at The University of Winnipeg are numbered according to the following conventions:

0000(x) These courses are elementary courses and are offered on a limited basis. Six(6) credit hours of a 0000 level course may be used towards a degree but may not be used towards fulfilling University of Winnipeg distribution, Humanities, Science or Social Science requirements.

1000(x) These are introductory courses, normally presented in a lecture format. The courses may require a high school prerequisite. A maximum of 42 credit hours of 1000 level course may be used towards a degree. The 42 credit hours may include a maximum of 6 credit hours at 0000 level.

2000(x) These are courses at the second year level and are normally presented in a lecture/discussion format. Second year courses may have first-year prerequisites.

3000(x) These courses are upper-level courses, often dealing with specialized topics. They are normally presented in a lecture/seminar format but may also be tutorials or projects. Many courses at this level have 1000-and/or 2000-level course prerequisites.

4000(x) These courses are normally required for Honours and 4-Year degrees and are highly specialized. They are normally presented as seminars, tutorials, thesis or projects but may also be offered in a lecture format. Entry into 4000-level courses normally requires the permission of a department or program.

5000(x) These courses are designed variously for the pre-Master's, Post-Baccalaureate, or Post-Graduate level.

7000(x) These courses are graduate courses acceptable in the graduate program offering them.

d. Course Weight and Value

The credit value of a course can range from 1 credit hour to 12 credit hours or more. The credit hours assigned to each course are designated as (6), (3), (1.5), etc. The meeting hours of a class vary according to the credit assigned.

PROFESSIONAL AND APPLIED STUDIES

March 16, 2017

INTRODUCTION

The University of Winnipeg offers studies in a variety of professional and applied areas. These include specialized courses related to the specific professional/applied areas integrated with a strong liberal arts and science foundation.

PROFESSIONAL STUDIES

Bachelor of Education Program (integrated with BA, BPHE or BSc)
Degree/Diploma Program in Developmental Studies/Early Childhood Education (UW/RRC/USB)
Degree/Diploma Program in Radiation Therapy (UW/CCMB)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Degree/Diploma Program in Business Administration (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

Degree/Diploma Program in Communications (UW/RRC)
Degree/Diploma Program in Geography/GIS (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

Applied Biology (UW/RRC)
Applied Chemistry (UW/RRC)
Applied Environmental Science (UW/RRC)
Degree/Diploma Program in Geography/GIS (UW/RRC)

PROFESSIONAL STUDIES

Professional Studies programs culminate in one of the University's degrees. In addition, students awarded the degrees are

APPLIED STUDIES IN A 4-YEAR BACHELOR

ANTHROPOLOGY (ANTH)

Jan 31, 2017

Note: The department/program code ANTH replaces the former code 02. Students cannot hold credit in ANTH-xxxx and the former 02.xxxx having the same course number (e.g., ANTH-1001(6) and 02.1001(6)).

Chair: Associate Professor S. Tulloch (as of July 1, 2017). Professor Emeritus: C. Meiklejohn; Associate Professors: J. Cidro, P.B. Clarkson, G. Fulford, M. Roksandic; Assistant Professor: I. Roksandic; Technician/Curators: V. McKinley, J. Schmidt

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

The study of Anthropology reveals the integrated patterns of social and cultural life from a cross-cultural perspective and examines the cultural and biological background of human evolution. At the University of Winnipeg, you may pursue this broad area of study within the more specific fields of Cultural Anthropology, Linguistics, Archaeology, and Biological Anthropology. For students considering a Major in Anthropology, the Department offers 3-Year, 4-Year, and 4-Year Honours BA degrees.

Anthropology provides students with academic preparation for pursuing a wide range of careers, and is especially relevant to those that apply an objective and broad-based understanding of human values and social relations. Graduates find career opportunities in numerous professional areas, including teaching, archaeological and cultural research and resource management, consulting, law and law enforcement, public service, and the health professions.

REQUIREMENTS FOR A 3-YEAR BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT — Students must consult with a member of the Department in planning their course of study.

GRADUATION REQUIREMENT — 90 credit hours

RESIDENCE REQUIREMENT
- Degree: Minimum 30 credit hours
- Major: Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT
- Humanities: 12 credit hours in Humanities
- Science: 6 credit hours
- Writing: Minimum 3 credit hours of Academic Writing.
- Indigenous: Single Major: Minimum 30 credit hours in the Major subject.
- Double Major: 30 credit hours in Anthropology and specified number of credit hours as determined by the other department/program.
- Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required courses:

ANTH-1001(6) Introductory Anthropology or ANTH-1002(3) Introductory Cultural Anthropology and Linguistics plus ANTH-1003(3) Introductory Biological Anthropology and Archaeology. In addition, students are required to take a minimum of 6 credit hours in courses in each of three out of four subject areas, for a total of at least 18 credit hours. Subject areas include: Cultural Anthropology (Area II), Archaeology (Area III), Biological Anthropology (Area IV), and Linguistic Anthropology (Area V). Of these, a minimum of 9 credit hours must be from three of the following:
ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-2400(3) Method and Theory in Linguistic Anthropology

Students are advised that a 3-Year BA is not normally sufficient for admission to graduate studies.

SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: ANTH-1001(6) Introductory Anthropology or ANTH-1002(3) Introductory Cultural Anthropology and Linguistics plus ANTH-1003(3) Introductory Biological Anthropology and Archaeology

Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level

Year 3: 12 credit hours in Anthropology

REQUIREMENTS FOR A 4-YEAR BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT	Minimum 30 credit hours completed previously. Students must consult with the Departmental Advisor in selecting Major and ancillary courses.
GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Required courses:

ANTH-1001(6) Introductory Anthropology or ANTH-1002(3) Introductory Cultural Anthropology and Linguistics plus ANTH-1003(3) Introductory Biological Anthropology and Archaeology. In addition, students are required to take a minimum of 6 credit hours in courses in each of three out of four subject areas, for a total of at least 18 credit hours. Subject areas include: Cultural Anthropology (Area II), Archaeology (Area III), Biological Anthropology (Area IV), and Linguistic Anthropology (Area V). Of these, a minimum of 9 credit hours must be from three of the following:

ANTH-2100(3) Method and Theory in Cultural Anthropology

ANTH-2200(3) Method and Theory in Archaeology

ANTH-2300(3) Method and Theory in Biological Anthropology

ANTH-2400(3) Method and Theory in Linguistic Anthropology

SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: ANTH-1001(6) Introductory Anthropology or ANTH-1002(3) Introductory Cultural Anthropology and Linguistics plus ANTH-1003(3) Introductory Biological Anthropology and Archaeology

Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level

Year 3: 18 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level

Year 4: 12 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level

REQUIREMENTS FOR AN HONOURS BA IN ANTHROPOLOGY

ADMISSION REQUIREMENT

Students must have completed a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in non-Honours Subject courses.

The minimum 3.0 GPA (B) is based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all non-Honours Subject courses is calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade is used).

GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours

Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of Department is required for each 4000-level course.

COURSE LISTINGS

The Department of Anthropology has organized its courses into four areas of specialization. These divisions are provided as guidelines to the areas of study available for concentration:

Area I	General Category
Area II	Cultural Anthropology
Area III	Archaeology
Area IV	Biological Anthropology
Area V	Linguistic Anthropology

Students should use WebAdvisor or consult the timetable on the website for the courses to be offered in an upcoming Term.

AREA I
GENERAL CATEGORY

Note: Students should note that taking ANTH-1002(3) and ANTH-1003(3) is equivalent to taking ANTH-1001(6) and provides the

HIST-2901(6) History of Technology
Other courses relating to the nature of culture and cultural behaviour can be found in the Departments of Religious Studies and Sociology.

EXPERIMENTAL COURSE(S)
ANTH-2119(3) Medical Anthropology
ANTH-3124/ Ethnographic Filmmaking
4124(03)
ANTH-3262(3) Health in Antiquity

AREA III
ARCHAEOLOGY

Note: Either ANTH-1003(3) or ANTH-1001(6) fulfils the prerequisite for most Archaeology and Biological Anthropology courses. ANTH-1002(3) alone, however, does not.

ANTH-2200(3) Method and Theory in Archaeology
ANTH-2202(3) Archaeology of North America
ANTH-2210(3) Rise of New World Civilization
ANTH-2211(3) Rise of Old World Civilization
ANTH-2214(3) Archaeological Field School
ANTH 2215(3) World Prehistory
ANTH-2220(6) Archaeological Field School
ANTH-2221(3) Archaeology of the Ancient Near East
ANTH-3203(6) Archaeological Field School
ANTH-3204/ Issues in Prehistoric Archaeology
4204(3)
ANTH-3205/ Issues in the Rise of Civilization
4205(3)
ANTH-3206/ The Origins of Human Culture
4206(3)
ANTH-3207(3) Zooarchaeology
ANTH-3209/ Archaeology of Gender
4209(3)
ANTH-3210(3) Archaeological Laboratory Methods
ANTH-3213(3)/ Advanced Archaeological Theory
4213(3)
ANTH-3220(3) Archaeoastronomy of the Americas
ANTH-3260(3) Classical Archaeology
ANTH-4200(3) Archaeological Problems
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4230(6) Paleoanthropology/Paleolithic Archaeology Field School

Note: The attention of students is directed to the following disciplines that are directly complementary to the programs in Archaeology: Classics, Physical Geography and History.

AREA IV
BIOLOGICAL ANTHROPOLOGY

Note: Either ANTH-1003(3) or ANTH-1001(6) fulfils the prerequisite for most Biological Anthropology and Archaeology courses. ANTH-1002(3) alone, however, does not.

ANTH-2300(3) Methods and Theory in Biological Anthropology
ANTH-2304(3) Introduction to Forensic Anthropology
ANTH-3302/ Primate Adaptation, Biology, and Evolution
4302(3)
ANTH-3306(3) Human Osteology
ANTH-3207(3) Zooarchaeology
ANTH-3308/ Human Evolution
4308(3)
ANTH-3309/ Primate Behaviour
4309(3)
ANTH-3310/ The Race Concept in Physical Anthropology
4310(3)
ANTH-4212(3) Advanced Zooarchaeology
ANTH-4303(3) Problems in Human and Primate Evolution
ANTH-4305(3) Problems in Biological Anthropology
ANTH-4307(3) Advanced Human Osteology
ANTH-4311(3) Human Paleopathology
Note: The attention of students is directed to the following disciplines that are directly complementary to the program in Biological Anthropology: Biology and Physical Geography.

AREA V
LINGUISTIC ANTHROPOLOGY

Note: Either ANTH-1002(3) or ANTH-1001(6) provides a prerequisite for most Linguistic Anthropology courses.

APPLIED COMPUTER SCIENCE (ACS)

April 25, 2017

Note: The department/program code ACS replaces the former codes 92 and 91. Students cannot hold credit in ACS-xxxx and the former 92.xxxx or 91.xxxx having the same course number (e.g., ACS-1803(3) and 92.1803(3) or 91.1803(3)).

Chair: Professor S. Liao; Professors: Y. Chen, S. Ramanna; Associate Professor: P. Atrey, S. Camorlinga; C. Henry; Assistant Professor: R. McFadyen; Instructors: J. Deng, E. Kaluzniacky.

http://www.acs.uwinnipeg.ca

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
3-Year BA (Information Systems Stream)
3-Year BA (Health Informatics Stream)

3-Year BSc
4-Year BSc
Honours BSc
3-Year BSc (Information Systems Stream)
3-Year BSc (Health Informatics Stream)
4-Year BSc (Scientific Computing Stream)

Minor

Master of Science (MSc) – More information can be found in the Graduate Studies Academic Calendar.

INTRODUCTION

The Applied Computer Science major is designed to prepare students in the following core areas: Programming Fundamentals (object-oriented, event driven, algorithms), Information Management (database systems, data modelingtems, data

REQUIREMENTS FOR A 3-YEAR BA/BSc IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT	Pre-Calculus Mathematics 40S or Applied Mathematics 40S.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science for BA 18 credit hours in Science for BSc
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours

Additional Information:

Students are strongly advised to take more than 36 credit hours in Applied Computer Science.

Students who wish to strengthen their business background are advised to take courses in Administrative Studies.

Red River College

The Department of Applied Computer Science welcomes the transfer of Red River College students into the 3-Year Applied Computer Science program. The University of Winnipeg will grant a total of 30 credit hours in transfer credits to Red River College

BUS-1202(3) Introduction to Business II
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2003(3) Introduction to Managerial Accounting
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-2210(3) Fundamentals of Marketing
BUS-2501(3) Fundamentals of Production and Operational Management

Economics
ECON-1104(3) Introduction to Economic Theory

Mathematics and Statistics
MATH-1102(3) Basic Calculus
MATH-1201(3) Linear Algebra I

Additional Electives: The following courses may also be of interest to students in this program:

Business and Administration
- BUS-2002(3) Fundamentals of Financial Accounting
- BUS-2003(3) Introduction to Managerial Accounting
- BUS-2103(3) Fundamentals of Organizational Behaviour
- BUS-2210(3) Fundamentals of Marketing
- BUS-2501(3) Fundamentals of Production and Operational Management

Economics
- ECON-1104(3) Introduction to Economic Theory

Geography
- GEOG-1102(3) Introductory Human Geography – People, culture and environment
- GEOG-1103(3) Introductory Human Geography II: – Population , Place and Development
- GEOG-2431(3) Population Geography
- GEOG-3431(3) Health Geography

Kinesiology
- KIN-2304(3) Scientific Principles of Fitness and Conditioning
- KIN-2501(3) Nutrition for Health and Wellness

Psychology
- PSYC-2700(3) Introduction to Clinical Psychology

Sociology
- SOC-2125(3) Introduction to Research Design and Qualitative Research

Statistics
- STAT-1501(3) Elementary Biological Statistics I

Conflict Resolution Studies
- CRS-1200(6) Introduction to Conflict Resolution Studies
- CRS-2210(3) Conflict Theory and Analysis

REQUIREMENTS FOR A 4-YEAR BA IN APPLIED COMPUTER SCIENCE

ADMISSION REQUIREMENT	Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours

Students must have minimum 30 credit hours completed previously.

GRADUATION REQUIREMENT — 120 credit hours, that is, 90 credit hours meeting the requirements for the BA or BSc General plus 30 credit hours of additional credit hours.

RESIDENCE REQUIREMENT
- Degree: Minimum 60 credit hours
- Major: Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT
- Humanities: 12 credit hours
- Science: 6 credit hours
- Writing: Minimum 3 credit hours of Academic Writing.
- Indigenous: 3 credit hours in designated Indigenous requirement courses.
- Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
- Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT
- Single Major: Minimum 57 credit hours/Maximum 78 credit hours.
  Major courses are those listed in Groups I and II below.
  18 credit hours in Group III.
- Required courses:

Group I:
- MATH-xxxx(3) 3 credit hours from Mathematics
  - Except:
    - x MATH-2902 Math Prior to 1640
    - x MATH-2901 History of Calculus
    - x MATH-2903 Math for Early/Middle Years Teachers I
    - x MATH-2904 Math for Early/Middle Years Teachers II
- STAT-xxxx(3) 3 credit hours from Statistics

- Students are encouraged to take more than 57 credit hours in Applied Computer Science.

ACS-4954(3) Introduction to Distributed Systems

Group II Electives

MATH-1201(3) Linear Algebra 1
ACS-1803(3) Introduction to Information Systems
ACS-1805(3) Introduction to Programming
ACS-2102(3) Scientific Computing I:Programming Fundamentals in C
ACS-2916(3) Business Application Systems
ACS-2941(3) Unix
ACS-2951(3) System Administration and Networking
ACS-3907(3) eCommerce
ACS-3921(3) Computer Security and Privacy
ACS-3923(3) Technical Communication in ICT Professions
ACS-3930(3) Topics in Applied Computer Science
ACS-3941(3) Implementation Issues in Object-Oriented Languages
ACS-3947(3) Algorithm Design
ACS-4930(6) Research Project in Applied Computer Science
ACS-4931(3) Research Project in Applied Computer Science

Students must complete an Honours BSc degree form available at the department office.

Any additional 3 credit courses in Group I or Group II except first year courses.

REQUIREMENTS FOR A 4-YEAR BSc (SCIENTIFIC COMPUTING STREAM)

ADMISSION REQUIREMENT	Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the BA or BSc General plus 30 credit hours of additional credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

REQUIREMENTS FOR A MINOR IN APPLIED COMPUTER SCIENCE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in ACS, with a minimum of 12 credit hours above the first-year level
Residence Requirement::	Minimum 12 credit hours in ACS
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Prerequisites
Students are advised to pay attention to the prerequisites for each Applied Computer Science course when planning a program of study. Students can visit the department website for more guidance.

Prerequisites are waived only in the case of clearly demonstrated equivalent knowledge. Only the Department Chair has the authority to grant prerequisite waivers.

Admission to Applied Computer Science Courses
Students are advised that a priority admission procedure may be used in the event that enrolments in Applied Computer Science courses are limited. For all courses, previous overall academic performance may be considered. For 2000-, 3000-, and 4000-level courses, grades achieved in prerequisite courses may also be considered.
Priority for entry into ACS-4901(6) will be given to students who require the course for graduation in the 4-Year degree program. Only the Chair of the department has the authority to admit students to courses that are full.

Graduate Studies
Students planning to continue with graduate studies are advised to consult with the Department before entering Year 2 of their studies.

Course Substitutions
Applied Computer Science courses were formerly numbered in the 32(MATH).xxxx series and 92/91(BUSC).xxxx . All courses with 32(MATH).xxxx and 92/91(BUSC).xxxx numbers may be substituted for corresponding ACS-xxxx numbers in meeting degree requirements.

COURSE LISTINGS

Students should consult WebAdvisor or the Timetable on the website for courses to be offered in an upcoming term.

ACS-1453(3) Introduction to Computers
ACS-1803(3) Introduction to Information Systems
ACS-1805(3) Introduction to Programming
ACS-1809(3) Website Design and Development
ACS-1903(3) Programming Fundamentals I
ACS-1904(3) Programming Fundamentals II
ACS-1905(3) Programming Fundamentals
ACS-2102(3) Scientific Computing
ACS-2814(3) Applications of Database Systems
ACS-2816(3) Health Information Systems
ACS-2906(3) Computer Architecture and System Software
ACS-2909(3) Internet Programming
ACS-2913(3) Software Requirements AnalysCNdI

BIOANTHROPOLOGY (BANT)

Updated Jan 31, 2017

Note: The department/program code BANT replaces the former code 06. The department/program code ANTH replaces the former code 02. Students cannot hold credit in courses having the same course number under the old and new system (e.g., ANTH-1001(6) and 02.1001(6)).

Coordinator: M. Roksandic

DEGREE/PROGRAM OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Minor

INTRODUCTION

This degree combines the information and methodologies of Anatomy, Anthropology, Archaeology, Biochemistry and Biology with the techniques of the physical sciences to examine human biological systems of the past and prr3mea7es013 Tc1 of Anthropology and B an understanding of comparative anatomy, cellular biology, methods in archaeology and prin experience in up-to-date laboratory techniques and procedures. This Program offers student disciplines to create a skill set that is interesting and unique.

The Program offers both a 90 credit hour BSc (General) and a 120 credit hour BSc Fou 4-year BSc have the opportunity to take a Business Stream (see the “Science with a Busines

The Bioanthropology Program may lead to careers in government and hospital laborato and zoos. Graduates in the 4 Year Degree option could also pursue further studies in either may also be of interest to students intending to go into medicine, or dentistry.

REQUIREMENTS FOR A 4-YEAR BSc IN BIOANTHROPOLOGY

ADMISSION REQUIREMENT	Students must consult with the Program Coordinator when planning their studies.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Writing	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 69 credit hours with 33 credit hours to be taken from required courses and 36 credit hours as dictated from listings in LIST A and LIST B, below.
Double Major:	Minimum 69 credit hours in Bioanthropology and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

ANTH-1001(6)	Introductory Anthropology	BIOL-1115(3)	Cells and Cell Processes
OR		BIOL-1116(3)	Evolution, Ecology and Biodiversity
[ANTH-1002(3)	Introductory Cultural Anthropology and	BIOL-2301(3)	Genetics
ANTH-1003(3)]	Introductory Biological Anthropology and Archaeology	CHEM-1111(3)	Introduction to the Chemical Properties of Matter
ANTH-2100(3)	Method and Theory in Cultural Anthropology	CHEM-1112(3)	Basic Principl.022Tw [i2-7.ivemtt u6TT4 1 Tf -9.0226 -1.J 2.4
ANTH-2200(3)	Method and Theory in Archaeology		
ANTH-2300(3)	Method and Theory in Biological Anthropology		

BIOL-4502(3) Molecular Cell Biology
BIOL-4601(3) Ecological Animal Physiology
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
KIN-2301(3) Human Anatomy

Recommended: Students planning on graduate studies should seriously consider taking BIOL-4111(6) Honours Thesis course.
Students are advised to take GEOG-1202(3) Introductory Earth Science.
Students considering admission to programs in the health sciences (e.g., medical school) are urged to check with the programs to which they plan to apply with respect to their requirements. In particular, such students may need to take more courses in Chemistry than are required.

Bioanthropology: Suggested Course Selection for 4-Year Degree

Year 1

ANTH-1001(6) Introductory Anthropology
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
RHET-1103(3) Academic Writing: Science
STAT-1501(3) Elementary Biological Statistics I
6 credit hours in Humanities

Year 2

ANTH-2100(3) Method and Theory in Cultural Anthropology
ANTH-2200(3) Method and Theory in Archaeology
ANTH-2300(3) Method and Theory in Biological Anthropology
BIOL-2301(3) Genetics
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
6 credit hours in Humanities
6 credit hours of electives

Year 3

9 credit hours of Biological Anthropology electives – as chosen from LIST A above
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
15 credit hours of electives

Year 4

9 credit hours of Biological Anthropology electives – as chosen from LIST A above
6 credit hours of Biology/Chemistry/Kinesiology electives – as chosen from LIST B above
15 credit hours of electives

NOTE: Certain courses are not offered annually. Therefore, students should seek advising on Year 3 and Year 4 registration.

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the "Academic Calendar" section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

BIOCHEMISTRY (BCHM)

Updated Jan 31, 2017

Note: The department/program code BCHM replaces the former code 85. Students cannot hold credit in BCHM-xxxx and the former 85.xxxx having the same course number.

Program Advisors : Chair: A.Ata D. Craig, M. Eze, J. Franck, P. Holloway, D. Vanderwel, M. Wiegand, T. Wood

DEGREES/PROGRAMS OFFERED

3 -Year BSc
3-Year BSc (Business Stream)
4 -Year BSc
4-Year BSc (Business Stream)
Honours BSc

INTRODUCTION

This degree combines the information and methodologies of Biochemistry, Cell Biology, Genetics and Microbiology with the techniques of the physical sciences to investigate living systems. It is an Interdisciplinary Program which consists primarily of courses from the Departments of Biology and Chemistry. Students in the program will gain a thorough understanding of the molecular aspects of the structure, function and metabolism of living organisms. They will also obtain experience in up-to-date laboratory techniques and procedures. This is one of the most exciting areas of science at this time and students will be kept abreast of advances in the field and their impact on humans and other life forms.

The Program offers a 90 credit hour 3-Year BSc, a 120 credit hour 4-Year BSc and a 120 credit hour Honours BSc. Graduates will be well qualified to work in university, government, and other research laboratories or in the pharmaceutical and food industries. Graduates with a 4-Year BSc or Honours BSc could also proceed to graduate studies in the Life Sciences.

CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I

Minimum 3 credit hours selected from the following courses:

PSYC-2101(3) Introduction to Data Analysis
STAT-1301 (3) Statistical Analysis I
STAT-1302 (3) Statistical Analysis II
STAT-1501(3) Elementary Biological Statistics I

9 additional credit hours from Biology and/or Biochemistry and/or Chemistry at or above the 2000 level (with the exception of the former CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring

REQUIREMENTS FOR A 4-YEAR BSc IN BIOCHEMISTRY

ADMISSION REQUIREMENT	Students must consult with a Program Advisor in planning their studies.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a

SUGGESTED PROGRAM OF STUDY

Students must consult with Program Advisors in planning their programs.

Year 1

BIOL-1115(3)	Cells and Cellular Processes
BIOL-1116(3)	Evolution, Ecology and Biodiversity
CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity

REQUIREMENTS FOR AN HONOURS BSc IN BIOCHEMISTRY

ADMISSION REQUIREMENT

SUGGESTED PROGRAM OF STUDY

Students must consult with Program Advisors in planning their programs.

Year 1
BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
MATH-1101(6) Introduction to Calculus
OR MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II
RHET-1103(3) Academic Writing: Sciences (if required)
STAT-1501(3) Elementary Biological Statistics I
xxxx.xxxx(6) Humanities

Year 2
BIOL-2301(3) Genetics
BIOL-2902(3) Biology of Bacteria and Archaea (formerly "Biology of the Prokaryotes and Viruses")
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
Two of:
CHEM-2102(3) Thermodynamics and Kinetics OR CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
One of:
PHYS-1301(6) Introduction to Physics
PHYS-1101(6) Foundations of Physics I
xxxx.xxxx(6) Humanities
Note: (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

Year 3
BIOL-3221(3) Cell Biology
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
Remaining one of:
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
Electives* 18 credit hours

Year 4
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-4502(3) Molecular Cell Biology
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry
BIOL-4111(6) Biology Honours Thesis OR CHEM-4701(6) Research Projects in Chemistry
Electives* 12 credit hours

*Electives:
1) There is a requirement of a minimum of 69 credit hours in Biology, Biochemistry and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
2) Note the 3 credit hour requirement for a course in Physiology. Some physiology courses have prerequisites.

GENERAL INFORMATION

Prerequisites
Chemistry 40S AND either Pre-Calculus Mathematics 40S or Applied Mathematics 40S are required for registration in both BIOL-1115(3) Cells and Cellular Processes and CHEM-1111(3) Introduction to the Chemical Properties of Matter. Physics 40S AND either Pre-Calculus Mathematics 40S or Applied Mathematics 40S are required for registration in PHYS-1101(6) Foundations of Physics I. Physics 40S is not required for registration in PHYS-1301(6) Introduction to Physics.

COURSE LISTINGS

Students should consult WebAdvisor or the appropriate Timetable on the website for courses to be offered in an upcoming term. A number of senior courses are offered on a rotation basis and are given in alternate years. Students are advised to consult with the Chair, Department of Chemistry in advance when planning their curriculum.

MULT/BCHM-2119(3): Topics in Diseases and Policy
MULT/BCHM-4119(4.5): Topics in Diseases and Policy

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the "Academic Calendar" section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

BIOLOGY (BIOL)

Updated Feb. 4, 2017

Note: The department/program code BIOL replaces the former code 05. Students cannot hold credit in BIOL-xxxx and the former 05.xxxx having the same course number (e.g., BIOL-1115(3) and 05.1115(3)).

Chair: Professor Judith D. Huebner; Professors Emeriti: W.S. Evans, G.E.E. Moodie , M. Novak, R.J. Staniforth, R.A. Woods; Professors: A. Civetta, L.S. Forbes, J. Tardif, A.R. Westwood, M.D. Wiegand; Associate Professors: R. Anderson, G. Avila- Sakar, R. Douville , J. Franck, S. Good, P.W. Holloway, S. Lingle, A. Park, A. Shrivastav, C. Willis; Assistant Professors: R. Otfinowski; Instructors: B. Biernacka, C. DuGuay, , A. McGreevy, K. Muc, D.A.H. Rittberg, L. Warszycki; Lab Manager: N. Taiarol; Technical Staff: L.G. Buchanan, R. Cole, K. Kachur, D. Nickel, M. Rondeau, B. VanDekerkhove, D. Wasyliw.

DEGREES/PROGRAMS OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc
4-Year BSc (UW/RRC)
MSc in Bioscience, Technology & Public Policy (For more information, please see the Graduate Studies Academic Calendar.)

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A BSc in Biology can lead to employment in Conservation or other government departments, work as a technologist i research or industrial laboratory, as well as a career in education. It also provides the preparation necessary for those ente several professional programs including Dentistry, Medicine, Veterinary Medicine, Pharmacy and Optometry.

Many Biology graduates also pursue post-graduate education. The necessary academic preparation for post-graduat is only provided by the 4-Year and Honours degrees in Biology. The 3-Year BSc and the Applied Biology degrees are not recognized as adequate preparation by most Graduate Studies Programs in Canada or internationally.

REQUIREMENTS FOR A 3-YEAR BSc IN BIOLOGY

ADMISSION REQUIREMENT	Students should consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Biology and specified number of credit hours in the other department/program.

Minimum 24 credit hours in other Biology courses at or above the 2000 level, not including BIOL-4111(6) Biology Honours Thesis.

3 credit hours of statistics chosen from the following courses:

STAT-1301(3) Statistical Analysis I
STAT-1501(3) Elementary Biological Statistics I
GEOG-2309(3) Statistical Techniques in Environmental Analysis
PSYC-2101(3) I courses:

REQUIREMENTS FOR A 4-YEAR BSc IN BIOLOGY

ADMISSION REQUIREMENT	Students must consult with the Department Advisor in planning their studies.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus an additional 30 credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours/Maximum 78 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in Biology and specified number of courses in other Major.

Required courses:

BIOL-1115(3) Cells and Cellular Processes
BIOL-1116(3) Evolution, Ecology and Biodiversity
BIOL-2301(3) Genetics or the former BIOL-3301(3)
BIOL-2403(3)

Requ pai000gourse

KINESIOLOGY – ONLY:

KIN-2204(3) Introduction to Human Physiology
KIN-2301(3) Human Anatomy
KIN-3106 (3) Exercise Physiology
KIN-3201(3) Biomechanics

MATHEMATICS – ALL courses EXCEPT:

MATH-2305(3) Philosophy and Mathematics

PHYSICS – ALL courses EXCEPT:

PHYSICS – ALL courses EXCEPT:
PHYS-1005(6) Concepts in Science
PHYS-1701(6) Astronomy
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

PSYCHOLOGY – ONLY:
PSYC-2101(3) Introduction to Data Analysis
PSYC-2900(3) Physiological Psychology I
PSYC-3900(3) Physiological Psychology II

STATISTICS – All courses

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED BIOLOGY)

INTRODUCTION

This is a joint degree program whereby students take courses at both institutions in a prescribed sequence. The program has been specifically designed to address the human resource needs of the health and environmental-based industries of Manitoba. Biotechnology is the area of emphasis in the Applied Biology program and the degree requirements are outlined below.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from The University of Winnipeg and Red River College. N.B. Transfer of courses between institutions applies only to students who are officially in the joint program.

ADMISSION REQUIREMENT	Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Applied Biology must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

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Year 3 – RRC	Year 4 - UW
BIOL-1003(5) Basic & Applied Microbiology CBST-1026(3) Gas Chromatography CBST-3001(6) Advanced Biochemistry	

BIOL-3161(3) Vegetative Anatomy and Physiology of Seed Plants
BIOL-3162(3) Reproductive Anatomy and Physiology of Seed Plants
BIOL-3202(3) Histology
BIOL-3221(3) Cell Biology
BIOL-3303(3) Molecular Genetics and Genomics
BIOL-3410(3) Freshwater Ecology
BIOL-3452(3) Behavioural Ecology and the Prairie Grasslands: Field Course
BIOL-3471(3) Forest Ecology
BIOL-3473(3) Principles of Silviculture
BIOL-3476(3) Forest Policy and Management
BIOL-3492(3) Quantitative and Theoretical Biology
BIOL-3562(3) Human Reproductive Biology
BIOL-3563(3) Human Embryology
BIOL-3602(3) Comparative Animal Physiology I
BIOL-3603(3) Comparative Animal Physiology II
BIOL-3702(3) Parasites and Disease
BIOL-3703(3) Ectoparasitology
BIOL-3801(3) General Entomology
BIOL-3901(3) Microorganisms and Disease
BIOL-3902(3) Microbial Ecology

4000 LEVEL COURSES

Note: 4000-level courses may not be offered every year. Consult the current timetable for details.

BIOL-4111(6) Biology Honours Thesis
BIOL-4112(3) Ichthyology
BIOL-4191(3) Directed Studies in Biology
BIOL-4303(3) Population Genetics
BIOL-4331(3) Evolutionary Biology
BIOL-4402(3) Current Topics in Ecology
BIOL-4411(3) Water Quality and Health
BIOL-4451(2) Forest Ecosystems Field Course
BIOL-4453(3) Wetlands Ecosystems Field Course
BIOL-4471(3) Ecological Methodology
BIOL-4473(3) Dendrochronology: Principles and Applications
BIOL-4474(3) Forest Health and Protection
BIOL-4475(3) Urban Forestry
BIOL-4501(3) Developmental Biology
BIOL-4502(3) Molecular Cell Biology
BIOL-4601(3) Ecological Animal Physiology
BIOL-4602(3) Field Research in Animal Ecology and Energetics
BIOL-4902(3) Microbial Physiology
BIOL-4904(3) Virology
BIOL-4931(3) Immunology

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Immunolog7u 54BIOL-43) BIOL-4BIOL-4931(3)
BIOL-47.48 411.96 7276())-5.1(Population)413.5(Gene)-7.6(tics)]TJ 0 -1.1579 TD .0003 Tc .4136 Tw [(BIO

BIOPSYCHOLOGY (BPSY)

April 4, 2017

Note: The department/program code BPSY replaces the former code 07. Students cannot hold credit in BPSY-xxxx and the former 07.xxxx having the same course number.

Coordinator: B. Bolster; Program Advisors: H. Aujla, S. Forbes, P. Pearson, S. Smith, M. Wiegand, D. Williams

DEGREES/PROGRAMS OFFERED
3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc

INTRODUCTION

Biopsychology is the branch of neuroscience concerned with how the brain and the nervous system control behaviour. Biopsychology is a rapidly developing research area that includes all aspects of the structure and function of the nervous systems and involves a variety of experimental strategies aimed at improving our understanding of nervous systems (biology), and their relationship to behaviour (psychology). Firmly grounded in the natural sciencet9nd t

BIOL-1116(3) Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
PSYC-2102(3) Introduction to Research Methods
PSYC-2900(3) Physiological Psychology I
CHEM-2202(3) Organic Chemistry I (or the former CHEM-2201(6))
CHEM-2203(3) Organic Chemistry II (or the former CHEM-2201(6))
BIOL-2301(3) Genetics (or the former BIOL-3301(3))
BIOL-3221(3) Cell Biology

Minimum of 3 credit hours to be selected from:
PSYC-2101(3) Introduction to Data Analysis
STAT-1301(3) Statistical Analysis
STAT-1501(3) Elementary Biological Statistics I

Minimum of 3 credit hours to be selected from:
PSYC-2600(3) Introduction to Cognitive Psychology
PSYC-2610(3) Perception I
PSYC-2620(3) Psycholinguistics
PSYC-2800(3) Fundamentals of Animal Learning
PSYC-2920(3) Drugs & Behaviour

Minimum of 6 credit hours to be selected from:
BIOL-3602(3) Comparative Animal Physiology I (or the former BIOL-3601(6))
BIOL-3603(3) Comparative Animal Physiology II (or the former BIOL-3601(6))
BIOL-2111(6) Comparative Chordate Zoology

6 additional credit hours at or above 3000 level from Natural Science courses (PSYC-x6xx, PSYC-x8xx or PSYC-x9xx(3)) in Psychology

Advisory: Students are advised that a 3-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in PSYC-2101(3) and PSYC-2102(3) in their 2nd year. Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses. No special permission is required to enroll in 4000-level courses in Biology.

REQUIREMENTS FOR THE 3-YEAR BSc IN BIOPSYCHOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Biopsychology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BSc IN BIOPSYCHOLOGY

This allows program students with interests in the sciences to expand their knowledge of the subject area. Students are required to consult with a Departmental Honours Advisor at the time they enrol in 4000-level courses in the Psychology Department. Appointments for advising are arranged through the departmental secretary at 786-9130. Enrolling in 4000-level courses in the Biology department does not require a consultation with a faculty member.

ADMISSION REQUIREMENT
Students are required to consult with a Program Advisor or Coordinator in planning their course of study.
Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue a 4-year BSc. Entry into the program after completing a minimum of 30 credit hours.

GRADUATION REQUIREMENT 120 credit hours

GRADUATION GPA REQUIREMENT
Graduation minimum GPA is 2.5 (C+) in Major subject courses (Psychology and Biology) and 2.50 (C+) in Major subject courses.
Minimum 2.5 GPA (C+) based on all attempts (including course repeats and failures) in Psychology and Biology.
Minimum 2.5 GPA (C+) in all non-major subject courses calcul

Double Major: Minimum 69 credit hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

- PSYC-1000(6) Introductory Psychology
- CHEM-1111(3) Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
- CHEM-1112(3) Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
- BIOL-1115(3) Cells and Cellular Processes (or the former BIOL-1111(6))
- BIOL-1116(3) Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
- PSYC-2102(3) Introduction to Research Methods
- PSYC-2900(3) Physiological Psychology I
- CHEM-2202(3) Organic Chemistry I (or the former CHEM-2201(6))
- CHEM-2203(3) Organic Chemistry II (or the former CHEM-2201(6))
- BIOL-2301(3) Genetics (or the former BIOL-3301(3))
- BIOL-3221(3) Cell Biology
- CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
- CHEM-3503(3) Intermediate Biochemistry II: Intermediary metabolism

Minimum of 3 credit hours to be selected from:

- PSYC-2101(3) Introduction to Data Analysis
- STAT-1501(3) Elementary Biological Statistics I
- STAT-1301(3) Statistical Analysis I

Minimum of 3 credit hours to be selected from:

- PSYC-2600(3) Introduction to Cognitive Psychology
- PSYC-2610(3) Perception I
- PSYC-2800(3) Fundamentals of Animal Learning
- PSYC-2620(3) Psycholinguistics
- PSYC-2920(3) Drugs & Behaviour

Minimum of 6 credit hours to be selected from:

- BIOL-3602(3) Comparative Animal Physiology I (or the former BIOL-3601(6))
- BIOL-3603(3) Comparative Animal Physiology II (or the former BIOL-3601(6))
- BIOL-2111(6) Comparative Chordate Zoology

Minimum of 6 credit hours to be selected from:

- BIOL-3492(3) Quantitative and Theoretical Biology
- BIOL-3202(3) Histology
- BIOL-3303(3) Molecular Genetics and Genomics (or the former BIOL-4302(3))
- BIOL-4502(3) Molecular Cell Biology
- BIOL-4501(3) Developmental Biology

Minimum of 3 credit hours at the 3000 level from Natural Science Courses in Psychology (PSYC-36xx, PSYC-38xx or PSYC-39xx). Minimum of 6 credit hours in Natural Science Courses in Psychology at 4000 level (PSYC-46xx, PSYC-48xx or PSYC-49xx(3) courses).

Advisory: Students are advised that a 4-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in PSYC-2101(3) and PSYC-2102(3) in their 2nd year.

REQUIREMENTS FOR THE 4-YEAR BSc IN BIOPSYCHOLOGY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Biopsychology degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR AN HONOURS BSc IN BIOPSYCHOLOGY

Minimum 2.75 GPA (C+) in all Non-Hono

BUSINESS AND ADMINISTRATION (BUS)

Updated Apr. 25, 2017

Note: Business and Administration is the name of the former Administrative Studies program. The department/program code BUS for Business and Administration replaces the former codes 81 and AS. Students cannot hold credit in BUS-xxxx and AS-xxxx or the former 81.xxxx having the same course number (e.g., BUS-1201 (3) and AS-1201 (3) or 81.1201 (3)).

Chair: Rosalie Harms ; Professors: K. Harlos, S. Singh; Associate Professors: F. DiMuro, D. Duval, , M. Kilgour, G. O'Farrell; Assistant Professors: S. Berge, K. Breward, M. Breward, O. Bullard, K. Fantazy ; Instructors: P. Moreira, Debbie Mortimer

http://busandadmin.uwinnipeg.ca

DEGREES/PROGRAMS OFFERED

3- Year BBA
4- Year BBA
4- Year BBA – Economics and Finance – refer to the "Economics and Finance" section of the Academic Calendar
Joint Program with Red River College
Master in Management – See the Graduate Studies Academic Calendar.

Science with a Business Stream - refer to the "Science wi th a Business Stream" section of the Academic Calendar and specific Science Departments' calendar entries, as appropriate.

INTRODUCTION

The Bachelor of Business Adm.

nagerial work and also for further study in business administration such as an MBA or

m with Red River College offers the opportunity to obtain both a Bachelor of Business ministration Diploma in less time than it would normally take to obtain the two of B

REQUIREMENTS FOR A 3-YEAR BBA

ADMISSION REQUIREMENT	Admission to The University of Winnipeg with credit for Pre-calculus or Applied Mathematics 40S
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major	Minimum 18 credit hours in BUS-#### courses
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
3-YEAR BBA REQUIREMENT	36 credit hours
Required courses:	33 credit hours of core courses:
	BUS-1201 (3) Introduction to Business I
	BUS-1202 (3) Introduction to Business II
	BUS-2002 (3) Fundamentals of Financial Accounting
	OR
	BUS-2010 (3) Fundamentals of Financial Management and Administration

4-YEAR BBA GENERAL STREAM REQUIREMENT 57 credit hours

4-YEAR BBA WITH CONCENTRATION STREAM REQUIREMENT 66 credit hours

Required courses: 33 credit hours of

Option B:
For University of Winnipeg BBA graduates to obtain the RRC Diploma, they must complete 50 to 75 credit hours at RRC to meet normal program requirements. The number of credit hours required will be dependent on the specific courses completed at the University of Winnipeg. Students interested in Option B are urged to consult with the Head of the Business Administration Program at RRC.

GENERAL INFORMATION

Course Selection
Students are advised to confirm Departmental offerings before planning their curriculum as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.
Students must meet Departmental prerequisites unless these are waived by the Chair of the Department concerned.
Students are encouraged to pursue courses in several discipline areas.
Students are advised to consult with the Chair or Faculty Advisor to ensure that they are correctly meeting departmental requirements.

COURSE LISTINGS

Students are advised to use WebAdvisor or consult the appropriate Timetable on the website to find out which courses will be offered in an upcoming term.

BUS-1201(3) Introduction to Business I
BUS-1202(3) Introduction to Business II
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2003(3) Managerial Accounting
BUS-2010(3) Fundamentals of Financial Management and Administration
BUS/UIC/IS-2030(3) Management and Financial Administration for Community and Aboriginal Organizations
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-2210(3) Fundamentals of Marketing
BUS-2300(3) Fundamentals of Co-operatives
BUS-2440(3) Fundamentals of Human Resource Management
BUS-2501(3) Fundamentals of Production and Operational Management
BUS/ECON-2819(3) Corporate Finance I
BUS/ECON-2820(3) Corporate Finance II
BUS-3003(3) Cost Accounting
BUS-3102(3) Intermediate Accounting Assets
BUS-3103(3) Intermediate Accounting Equities
BUS-3110(3) Ethics in Management
BUS-3120(3) Canadian Taxation
BUS/HIST-3135(6) The Hudson's Bay Company and The Modern Department Store
BUS-3230(3) Advertising
BUS-3240(3) Consumer Behaviour
BUS-3250(3) Not-For-Profit Management
BUS-3255(3) Social Enterprise: From Theory to Practice
BUS-3260(3) Retail Management
BUS-3271(3) Marketing Research
BUS/ECON-3320(3) Managerial Finance
BUS/WGS/POL-3321(3) Gender and Organizations
BUS-3300(3) Management of Co-operatives
BUS-3301(3) Co-operative Entrepreneurship
BUS-3302(3) Ces-6of MManagement Ethics I 1 Management 0(3)

CHEMISTRY (CHEM)

Updated Feb 6, 2017

Note: The department/program code CHEM replaces the former code 08. Students cannot hold credit in CHEM-xxxx and the former 08.xxxx having the same course number (e.g., CHEM-1111(3) and 08.1111(3)).

Chair: A. Ata; Professors Emeriti: B. Blackburn, H. Hutton; Professors: , D. Craig, K.J. Friesen, D. Goltz,; C. Wiebe, C. Wong; Associate Professors: M. Eze, J. Hollett, A. McCubbin, J. Ritch, D. Vanderwel, T. Wood; Instructors: K. Buffie, J. Galka, D. Latimer, E. Segstro.

DEGREES/PROGRAMS OFFERED

3-Year BSc
3-Year BSc (Business Stream)
4-Year BSc
4-Year BSc (Business Stream)
Honours BSc
Honours BSc (Business Stream)
4-Year BSc (UW/RRC)

INTRODUCTION

Chemistry is the study of the property and composition of matter, the transformations that matter may undergo, and the energies associated with such transformations. There are five main areas of chemistry: analytical chemistry, inorganic chemistry, organic chemistry, physical chemistry, and biochemistry. The department offers a solid foundation in each of these areas, plus more advanced courses for specialization at the senior level.

The Department of Chemistry offers 3-year, 4-year, and Honours BSc degrees in Chemistry. The department is also involved in several other interdisciplinary programs, most notably Biochemistry, Chemical Physics, and Environmental Studies (Chemistry Stream). An additional option available is the 4-year BSc program in Applied Chemistry, offered jointly by the University of Winnipeg and Red River College. Students pursuing a 3-year or 4-year BSc in Chemistry have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business that will provide them with the skills needed to enter and succeed in industry and business. After completing the requirements of the BSc degree and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar, it will be noted on the student's transcript that they have satisfied the requirements of a BSc degree with a Business stream.

Chemists are involved in many fields, including environmental protection, pharmaceutical science, forensic science, toxicology, agricultural science, food science, education, geochemistry, biochemistry, materials science, biotechnology, oceanography, computer modelling, and plant management. Graduates from a 3-year BSc in Chemistry may proceed to professional schools in a health-related area (such as pharmacy, medicine, veterinary medicine, or dentistry), or to careers as diverse as education, library science, business administration, public administration, engineering and law. Graduates with 4-year or Honours degrees in Chemistry usually proceed directly to employment or to graduate school (to obtain an MSc or PhD degree). Ultimately, most obtain jobs either as technicians, managers, consultants or research scientists in industry or in government.

Arts students, with the required prerequisites, may take CHEM-1111(3) Introduction to the Chemical Properties of Matter, CHEM-1112(3) Basic Principles of Reactivity, or CHEM-2801(3) Environmental Issues: A Chemistry Perspective towards their Science requirement.

GENERAL INFORMATION

Prerequisites
Chemistry 40S AND Pre-Calculus or Applied Mathematics 40S are required for acceptance to the Chemistry Major program.

Laboratory Work
Laboratory work has been designed to complement the lecture material; students are able to work in small lab sections with the possibility of individual projects. In advanced labs, modern instrumental techniques and computer facilities are used extensively.

Pre-professional Program Requirements
Students planning to enter the Faculties of Dentistry or Medicine are required to take the following courses:

CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) may be taken concurrently with

th CHEM-2203(3). Also, provided that a minimum grade of B+
urse CHEM-2202(3) may be taken concurrently with CHEM-
-3503(3).

REQUIREMENTS FOR THE 3-YEAR BSc IN CHEMISTRY

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities.
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 54 credit hours/Maximum 78 credit hours in the Major subject. Maximum total of cognate and major courses is 84 credit hours combined.
Double Major:	Minimum 54 credit hours in Chemistry and specified number of credit hours in other Major.

Required courses:

CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity
CHEM-2102(3)	Thermodynamics and Kinetics
CHEM-2103(3)	Atoms, Molecules and Spectroscopy
CHEM-2202(3)	

REQUIREMENTS FOR THE 4-YEAR BSc IN CHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the 4-year BSc in Chemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE BSc (HONOURS) IN CHEMISTRY

ADMISSION REQUIREMENT	Students must have completed 30 credit hours. Students must consult with and have the approval of the Department Chair or the Chair's designate when planning their studies.
GRADUATION REQUIREMENT	120 credit hours

PHYS-2105 (3)	Mathematical Physics I	STAT-1201 (6)	Introduction to Statistical Analysis
PHYS-2106 (3)	Mathematical Physics II		
PHYS-2201(6)	Electricity and Magnetism	STAT-2001(3)	Statistical Analysis for Chemists and Biologists
PHYS-2302(6)	Foundations of Physics II		
STAT-1301 (3)	Statistical Analysis I	STAT-2501(3)	Statistical Quality Control
STAT-1302 (3)	Statistical Analysis II	STAT-2903(3)	Introduction to Statistical Computing

Students must complete an Honours BSc Degree form, available from Student Central.

REQUIREMENTS FOR THE HONOURS BSc IN CHEMISTRY WITH A BUSINESS STREAM

Students must complete the requirements of the Honours BSc in Chemistry degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PR OGRAM IN APPLIED CHEMISTRY)

INTRODUCTION

This is a joint degree program whereby students take courses at both The University of Winnipeg and Red River College in a prescribed sequence.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from Red River College and The University of Winnipeg. N.B. Transfer of courses between institutions applies only to students who are officially registered in the joint program.

ADMISSION REQUIREMENT	Students must meet the entrance requirements for admission to The University of Winnipeg. Applications to the program in Applied Chemistry must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours

Required Courses: (These are the Core courses for all Applied Chemistry BSc students)

UW COURSES

COURSE LISTINGS

Students should consult WebAdvisor or the appropriate Timetable on the website for courses to be offered in the upcoming term. A number of senior courses are offered on a rotation basis and are given in alternate years. Students are advised to consult with the Department in advance when planning their curriculum.

CHEM-0100(3) Foundations of Chemistry
CHEM-1111(3) Introduction to the Chemical Properties of Matter
CHEM-1112(3) Basic Principles of Chemical Reactivity
CHEM-2102(3) Thermodynamics and Kinetics
CHEM-2103(3) Atoms, Molecules and Spectroscopy
CHEM-2202(3) Organic Chemistry I
CHEM-2203(3) Organic Chemistry II
CHEM-2302(3) Quantitative Chemical Analysis
CHEM-2401(3) Inorganic Chemistry I
CHEM-2502(3) Introduction to Biochemistry
CHEM-2701(3) Computer Techniques and Applications for Chemistry
CHEM-2801(3) Environmental Issues: A Chemistry Perspective
CHEM-3101(3) Physical Chemistry of Condensed Phases
CHEM-3102(3) Quantum Chemistry and Spectroscopy
CHEM-3202(3) Reaction Mechanisms in Organic Chemistry
CHEM-3204(3) Organic Structure Determination
CHEM-3205(3) Organic Synthesis
CHEM-3206(3) Advanced Organic Chemistry Laboratory
CHEM-3302(3) Methods of Chemical Analysis
CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
CHEM-3601(3) Environmental Chemistry
CHEM/ENV-3611(3) Environmental Toxicology
CHEM-3701(3) Directed Studies in Chemistry
CHEM-4101(3) Quantum Chemistry
CHEM-4204(3) Medicinal Chemistry
CHEM-4302(3) Instrumentation for Quantitative Analysis
CHEM-4303(3) Analytical Separations
CHEM-4401(3) Organometallic d-Block Chemistry
CHEM-4403(3) Advanced Main Group Chemistry
CHEM-4502(3) Molecular Enzymology
CHEM-4506(3) Methods in Biochemistry
CHEM-4701(6) Research Projects in Chemistry
CHEM-4703(3) Topics in Chemistry

EXPERIMENTAL COURSE LISTINGS

CHEM-2503(3) Principles of Biochemistry
CHEM-3504(3) Plant Biochemistry
CHEM-4507(3) Drug Design

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the “Academic Calendar” section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

CLASSICS (CLAS)

Greek and Roman Studies

Updated Feb. 28, 2017

Note: The department/program code CLAS replaces the former code 11. Students cannot hold credit in CLAS-xxxx and the former 11.xxxx having the same course number (e.g., CLAS-1010(6) and 11.1010(6)).

Acting Chair: Associate Professor M.Gibbs ; Professor Emeritus M. Golden, J. I. McDougall; Professor: M. MacKinnon; Associate Professor: P. Ripat, C. Whately; Assistant Professors: A. Surtees, P. Miller.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Classics is the study of Ancient Greek and Roman civilizations in all their aspects. The roots of Modern Western society are to be found in Graeco-Roman culture and its remarkable achievements in art, literature and philosophy. The University of Winnipeg Classics Department is committed to bringing the ancient world to life to illuminate our modern world. The courses offered are designed to provide a broader and deeper understanding of human beings, both as individuals and as members of their society.

Courses in Classics in themselves constitute a liberal 2r TJ 31.8271 0 TD .0016 Tc .0288 Tw [(rate on)-6.2(cour)-3.7(ses in Classica)8.9(l Civilizat

Minimum 24 credit hours in 4000-level Honours courses in the Classics component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required Courses for BA Honours in Classics (Classical Languages):
CLAS-4400(6) Thesis

Students, particularly those intending to pursue graduate studies in Classics, are advised to take as many 4000-level courses in the two languages as possible. All 3000-level courses in the two languages are offered at the 4000 level, and will be supplemented for Honours students to meet the requirements of the Honours program. In addition to the Thesis, Honours students in the Classical Language stream may use the following 4000-level courses towards their degree requirements:

CLAS-4000(3) Advanced Studies in Classics and Classical Archaeology
CLAS-4100(6) Poetry of the Republic
CLAS-4110(6) Prose Literature of the Republic and Augustan Age
CLAS-4120(6) Poetry of the Augustan Age
CLAS-4130(6) Poetry of the Empire
CLAS-4140(6) Prose Literature of the Empire
CLAS-4210(6) Archaic Greek Poetry
CLAS-4220(6) Greek Tragedy and Comedy
CLAS-4230(6) Greek History and Philosophy
CLAS-4240(6) Greek Oratory
CLAS-4250(6) Hellenistic Prose and Poetry
CLAS-4256(3) Tutorial in Ancient Language and Literature

REQUIREMENTS FOR AN HONOURS BA IN CLASSICS (CLASSICAL CIVILIZATION)

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CLAS-3260(3) Advanced Classical Archaeology: Issues and Controversies

CLAS-3901/4901(3) Advanced Ancient Art and Art History

OR another course in Material Culture with permission of the department

CLAS-4400(6) Thesis

In addition to the above, students must complete 18 credit hours at the 4000-level (including 6 credit hours from the required CLAS-4400(6) Thesis) for Single Honours and 15 credit hours at the 4000-level for Double Honours. Information about these courses is available from the Department.

REQUIREMENTS FOR A MINOR IN CLASSICS: LANGUAGE STREAM

Degree: Students completing any undergraduate degree program are eligible to hold the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement: Minimum 12 credit hours in the Minor subject.
Required Courses:

CLAS-1100(3) Introductory Latin I
CLAS-1101(3) Introductory Latin II
CLAS-2100(6) Intermediate Latin Texts

Either one of:
CLAS-3100(6)/4100(6) Poetry of the Republic
CLAS-3110(6)/4110(6) Prose Literature of the Republic and Augustan Age
CLAS-3120(6)/4120(6) Poetry of the Augustan Age
CLAS-3130(6)/4130(6) Poetry of the Empire
CLAS-3140(6)/4140(6) Prose Literature of the Empire

Or two of:
CLAS-3255(3) Topics in Greek and Latin
CLAS-3256(3)/4256(3) Tutorial in Ancient Language and Literature (when the works studied are Latin)
Both of these courses can be taken more than once.

OR

CLAS-1200(3) Introductory Greek I
CLAS-1201(3) Introductory Greek II
CLAS-2200(6) Intermediate Greek Texts

Either one of:
CLAS-3210(6)/4210(6) Archaic Greek Poetry
CLAS-3220(6)/4220(6) Greek Tragedy and Comedy
CLAS-3230(6)/4230(6) Greek History and Philosophy
CLAS-3240(6)/4240(6) Greek Oratory
CLAS-3250(6)/4250(6) Hellenistic Prose and Poetry

Or two of:
CLAS-3255(3) Topics in Greek and Latin
CLAS-3256(3)/4256(3) Tutorial in Ancient Language and Literature (when the works studied are Greek)
Both of these courses can be taken more than once.

Restrictions: Students cannot declare the same subject as a Major and a Minor.

REQUIREMENTS FOR A MINOR IN CLASSICS: CIVILIZATION STREAM

Degree: Students completing any undergraduate degree program are eligible to hold the Minor.
Minor: 18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level.
Residence Requirement: Minimum 12 credit hours in the Minor subject.
Required Courses: 6 credit hours at the 1000 level
6 credit hours at the 2000 level
3 credit hours at the 3000 level
3 further credit hours at any level
Restrictions: Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Neither CLAS-1011(3) Greek Society nor CLAS-1012(3) Roman Society is required as a prerequisite for study of any of the offerings in Classics.

Students may complete the following courses to obtain credit towards the Major in another Department or Program:

CLAS-2000(3) The Heroic Age of Greece – Art History
CLAS-2002(3) Greek Art and Architecture – Art History

CLAS-2003(3)	Roman Art and Architecture – Art History
CLAS-2004/ANTH-2211(3)	Rise of Old World Civilization – Anthropology
CLAS-2010/HIST-2090(3)	Topics in Classical Studies – History
CLAS/KIN-2060(3)	Sport in the Ancient World – Kinesiology and Applied Health
CLAS-2301/HIST-2080(3)	The History of Archaic Greece – History
CLAS-2302/HIST-2089(3)	The History of Classical Greece – History
CLAS-2303/HIST-2081(3)	The History of the Roman Republic – History
CLAS-2304/HIST-2097(3)	The History of the Roman Empire – History
CLAS/THFM-2405(3)	Staging Greek and Roman Drama – Theatre and Film
CLAS-2800/LING-2208(3)	Greek and Latin in Today's English – Interdisciplinary Linguistics
CLAS/KIN-2850(3)	The Classical Roots of Medical Terminology – Kinesiology and Applied Health
CLAS-2920/ANTH-2229(3)	Food, Diet and Dining in Antiquity – Anthropology
CLAS-2950/HIST-2099(3)	The Roman Army – History
CLAS/HIST-3006(3)	Topics in Ancient History – History
CLAS/KIN-3060/ANTH-3262(3)	Health in Antiquity – Kinesiology and Applied Health, Anthropology
CLAS-3090(3)/HIST-3903(3)	Classical and Medieval Science – History
CLAS-3310/HIST-3140(3)	Alexander the Great – History
CLAS-3320/ANTH-3261(3)	Death in Antiquity – Anthropology
CLAS/ENGL-3754(3)	Ancient Epic in Translation – English
CLAS/ENGL-3755(3)	Ancient Drama in Translation – English
CLAS/ENGL-3756(3)	Topics in Ancient Literature – English
CLAS-3830/4830/HIST-3011(3)	Kingdoms and City-States – History
CLAS-3840/4840/HIST-3010(3)	Provinces and Subjects – History
CLAS-3850/4850/HIST-3009(3)	Eras – History

Graduate Studies
Students who plan to proceed to graduate studies in Classics are strongly advised to select as many language courses as possible.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
Permission of the department is required for each 4000-level course.

COURSE LISTINGS

The Classics Department has organized its courses into two areas of specialization. This division is provided as a guideline to the Areas of Study available for concentration.

CLASSICAL CIVILIZATION

Students whose primary interest is the study of civilization and culture may complete any of a wide range of courses which do not require a knowledge of the Latin and Greek languages. These have been organized into different categories to aid the student in selecting relevant courses.

CLAS-2081(3)	Sites of the Ancient Greek and Roman World I
CLAS-2091(3)	Sites of the Ancient Greek and Roman World II
CLAS/THFM-2405(3)	Staging Greek and Roman Drama
CLAS-2901(3)	Introduction to Ancient Art and Art History
CLAS-2910(3)	Introductory Classical Archaeology: Principles and Practices
CLAS-3260(3)	Advanced Classical Archaeology: Issues and Controversies
CLAS-3901(3)/ 4901(3)	Advanced Ancient Art and Art History
CLAS-3910(3)/ 4910(3)	Ancient Environment and Ecology
CLAS-3500(6)/ 4500(6)	Experiential Learning in Classics and Classical Archaeology

LITERATURE

CLAS/THFM-2405(3)	Staging Greek and Roman Drama
CLAS-2701(3)	Classical Mythology
CLAS-3010(3)	Directed Readings
CLAS/ENGL-3754(3)	Ancient Epic in Translation
CLAS/ENGL-3755(3)	Ancient Drama in Translation
CLAS/ENGL-3756(3)	Topics in Ancient Literature

HISTORY OF IDEAS

CLAS-2020(6)	Athenian Law and Society
CLAS-2050(3)	Education in the Ancient World
CLAS-2701(3)	Classical Mythology
CLAS-2702(3)	Religion in Greece and Rome
CLAS-2800(3)/ LING-2208(3)	Greek and Latin in Today's English
CLAS-3090(3)/ HIST-3903(3)	Classical and Medieval Science
CLAS/ENGL-3754(3)	Ancient Epic in Translation
CLAS/ENGL-3755(3)	Ancient Drama in Translation
CLAS/ENGL-3756(3)	Topics in Ancient Literature

LATIN AND GREEK

A reasonable number of courses of Latin and Greek is made available to students each year. The complete value of Classical Training can only be attained through study of the two Classical languages. In the introductory courses (CLAS-1100(3), CLAS-1101(3), CLAS-1200(3), and CLAS-1201(3)), students are provided with the linguistic skills necessary to enable them to read Greek and Latin fluently. In the intermediate and senior language courses emphasis is placed on training students to read with comprehension as quickly as possible, and in the process of reading the ancient authors students are acquainted with the vital aspects of Greek and Roman civilization. A wide range of offerings is available in both Latin and Greek. These courses provide students with the sound linguistic background essential for graduate work.

LATIN

CLAS-1100(3)	Introductory Latin I
CLAS-1101(3)	Introductory Latin II
CLAS-2100(6)	Intermediate Latin Texts
CLAS-3100(6)/ 4100(6)	Poetry of the Republic
CLAS-3110(6)/ 4110(6)	Prose Literature of the Republic and Augustan Age
CLAS-3120(6)/ 4120(6)	Poetry of the Augustan Age
CLAS-3130(6)/ 4130(6)	Poetry of the Empire
CLAS-3140(6)/ 4140(6)	Prose Literature of the Empire
CLAS-3256(3)/ 4256(3)	Tutorial in Ancient Language and LiteratureCLAS-4400(6) Thesis

GREEK

CLAS-1200(3)	Introductory Greek I
CLAS-1201(3)	Introductory Greek II
CLAS-2200(6)	Intermediate Greek Texts
CLAS-3210(6)/ 4210(6)	Archaic Greek Poetry
CLAS-3220(6)/ 4220(6)	Greek Tragedy and Comedy
CLAS-3230(6)/ 4230(6)	Greek History and Philosophy
CLAS-3240(6)/ 4240(6)	Greek Oratory
CLAS-3250(6)/ 4250(6)	Hellenistic Prose and Poetry
CLAS-3256(3)/ 4256(3)	Tutorial in Ancient Language and Literature
CLAS-4400(6)	Thesis

Students are advised to consult the appropriate Timetable available on the website for courses to be offered during the current session.

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the “Academic Calendar” section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

COMPARATIVE LITERATURE (COMP)

2 February 2017

Note: Courses offered in the COMP Program use regular department codes.
Contacts: Professors L. Rodriguez and S. Viselli, Modern Languages and Literatures; Associate Professors T. Babcock, Chair of Theatre and Film, and R. Byrnes, Rhetoric, Writing, and Communications; Instructor H. Curle, Theatre and Film.
R. Berg, Administrative Assistant, Modern Languages and Literatures; P. Hawkins, Administrative Assistant, Theatre and Film.
Department Chairs and/ or Office Assistants may also be contacted for information on currently scheduled COMP courses and the names of Instructors. Chairs of the participating Departments and Programs are responsible for signing off on students' Minors at the point of graduation.

PROGRAM OFFERED

Interdepartmental Minor

INTRODUCTION

The Interdepartmental Minor in Comparative Literature was introduced in 2016 by the Department of Modern Languages and Literatures, as a new Minor open to all students. The University of Winnipeg is the only institution in Manitoba offering a program in

CONFLICT RESOLUTION STUDIES (CRS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

Updated June 5, 2017

Note: The department/program code CRS replaces the former code 61. Students cannot hold credit in CRS-xxxx and the former 61.xxxx having the same course number (e.g., CRS-1200(6) and 61.1200(6)).

Coordinator: Neil Funk-Unrau (Associate Dean of Menno Simons College); Associate Professor Emeritus: P. Redekop; Associate Professors: J. Derksen, N. Funk-Unrau, A. Snyder, S. Stobbe; Assistant Professor: J. Arnold; Instructors: J. Dueck-Read, K. Ridd.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

Conflict Resolution Studies (CRS) seeks to understand the natur

Required CRS Courses (18 credit hours)

CRS-1200(6) Introduction to Conflict Resolution Studies
CRS-2210(3) Conflict Theory and Analysis*
CRS-2211(1.5) Coaching Skills Workshop*
CRS-2241(3) Conflict and Culture*
CRS-3220(3) Models for Conflict Transformation*
CRS-3221(1.5) Mediation Skills Workshop*
AND:
An additional 3 credit hours from each of the CRS concentrations.
An additional 9 credit hours from CRS Core or CRS Area courses.

REQUIREMENTS FOR A MINOR IN CONFLICT RESOLUTION STUDIES

ADMISSION REQUIREMENT

Students have the option of consulting with the MSC Academic Advisor for assistance in planning their Minor.

Degree:

CRS-3231(3) or CRS-4231(3) Ethics in Conflict Resolution*
CRS-3240(3) Workplace Conflict Resolution*
CRS-3252(3) or CRS-4252(3) Advanced Study of Conflict Within Groups*
CRS-4224(3) Inner Peace and Conflict Transformation*
CRS-4240(3) Workplace Conflict Resolution System Design*
CRS-4252(3) Advanced Mediation Practice*

II) Peace Studies and Nonviolent Social Movements
CRS/HIST/MENN-2131(3) History of Peace and Nonviolence I
CRS/HIST/MENN-2132(3) History of Peace and Nonviolence II
CRS-2231(3) Nonviolent Social Change*
CRS-2262(3) Conflict, Faith and Community*
CRS/WGS-3242(3) Women and Peacemaking*
CRS-3331(3) Genocide, War and Violent Conflict*
CRS-3332(3) Trauma and Violence*
CRS/IDS-3910(3) Peace Theory and Practice*
CRS-3931(3) Human Rights and Conflict Resolution*
CRS/HR-4350(3) Truth, Memory and Reconciliation*
CRS/IDS-4910(3) Conflict and the Construction of the Other*

III) Conflict, Poverty, and Development
CRS/IDS-2443(3) Conflict and Development Issues in Indigenous Communities*
CRS/HR-3410(3) Transitional Justice*
CRS/IDS-3901(3) Humanitarian Aid and Conflict: Do No Harm*
CRS/IDS-4920(3) Program Planning in Development and Conflict Resolution*
CRS/IDS-4922(3) Program Evaluation in Development and Conflict Resolution*

CRS Special Courses
These courses are offered on an occasional basis as the opportunity arises. The specific course concentration depends on the topic of the course at any given time. Consult the MSC Academic Advisor or Program Coordinator for details.
CRS-2111(1.5) Special Topics Workshop
CRS-2281(3) Selected Topics in Conflict Resolution Studies
CRS-3262(3) Critical Issues in Conflict Resolution

CRS Area Courses
Area courses are rooted in traditional disciplines as well as other interdisciplinary programs and address issues that are directly relevant to the CRS Program. These courses are organized below into general categories emphasized through the CRS course concentrations, although any of these courses may relate to more than one of the CRS concentrations. Categories of research and language skills are included to emphasize the specialized cognate courses recommended for the 4-year program.

Note: Most courses from other departments and programs will have their own prerequisites. Courses requiring prerequisites are marked with an asterisk. It is the student's responsibility to determine what the prerequisites are.

Note: The Area Courses list is meant to be a list of courses complementary to the special interests of CRS students. Because curriculum offerings keep changing, and because students may have some specific interests not included in the Area Courses list, students may make application to the MSC Academic Advisor to consider some other courses relevant to their major interests for inclusion as Area Courses.

Conflict Resolution and Restorative Justice
BUS-2103(3) Fundamentals of Organizational Behaviour*
BUS-3110(3) Ethics in Management *
BUS-3321(3) Gender & Organizations*
CJ-2125(3) Crime Victims*
CJ-2203(3) Institutional Corrections*
CJ-2204(3) Community Corrections*
CJ-3204(3) Crime Prevention*
CJ-3500(3) Interpersonal Violence
IDS/ENV-2521(3) Study of Voluntary Simplicity*
PHIL-2202(3) Health Care & Bioethics
PHIL-2207(3) Philosophy of Law*
PHIL-2252(3) Philosophy of the Social Sciences
POL-2315(6) The Legal Process
PSYC-2410(3) Social Psychology II*
PSYC-2450(3) Organizational Psychology II*
PSYC-3050(3) Culture and Psychology*
PSYC-3450(3) Organizational Leadership and Decision Making*
PSYC/CJ-3470(3) Forensic Psychology*
PSYC-3480(3) Interpersonal Communication*
PSYC-3740(3) Introduction to Family Processes
PSYC-4450(3) Advanced Organizational Psychology*
PSYC-4760(3) Introduction to Counselling Theory*
PSYC-4770(3) Introduction to Interviewing*
REL-2304(3) Atheism, Skepticism and Religion
REL-2507(3) Sexuality in the Religious Context
REL-2513(3) Health, Healing and Spirituality in Cross-Cultural Perspective
REL-3601(3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity
SOC-2103(3) Sociology of Families*
SOC-2115(6) Sociology of Socialization and Development*
SOC-2118(6) Sex and Gender Relationships*
SOC-2119(6) Sociology:7.5(of Fla an)-7.1(y g)terviewing*

ENGL-3180(6) The Making of Peace and War in Literatures*
ENGL-3901(6) Queer Literature, Culture and Theory*
ENGL-4110(6) Critical Theory*
GEOG-2408(3) Environmental Perception and Human Behaviour*
HIST-3112(6) Militarism in the Modern World
HIST-3542(6) Gender, Class and Ethnicity in Canadian History
HIST-4530(6) Advanced Studies in Canadian Social History
HR-2100(3) Concepts and Conventions in Human Rights
HR/HIST-2200(3) History of Human Rights in Canada
HR-3210(3) Human Rights Institutions*
HR-2600(6) Emerging Issues in Human Rights

CRIMINAL JUSTICE (CJ)

Updated June 20, 2017

Chair: Professor S. Kohm ; Professor: M. Weinrath: Associate Professor: K. Walby; Assistant Professors: M. Bertrand, B. Dobchuk-Land; Instructors: J. Lothian Murray, K. Gorkoff, J. Franklin.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor
MA - Details will be available in the 2018-19 Graduate Studies Academic Calendar.

INTRODUCTION

The Criminal Justice program examines topics including crime, offenders, victims, the criminal justice system and other forms of social sanctions and controls. Our students learn about historical and contemporary explanations of crime, and become familiar with research literature on criminal justice agencies such as police, courts and corrections. Students are challenged to think critically about key issues confronting the criminal justice system, the strengths and limits of possible reforms, and the ethical dilemmas facing criminal justice practitioners.

Graduates may find career opportunities in policing and law enforcement, institutional, community or youth corrections, victim services, public policy, criminal justice or social welfare programming, evaluation and research. The program also provides a strong background for those who wish to pursue graduate studies and law school.

REQUIREMENTS FOR A 3-YEAR BA IN CRIMINAL JUSTICE

ADMISSION REQUIREMENT — Students are advised, but not required to consult with a member of the Department in planning their course of study.

GRADUAD

REQUIREMENTS FOR A 4 YEAR BA IN CRIMINAL JUSTICE

ADMISSION REQUIREMENT	Students are advised, but not required to consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	120 credit hours.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours.
Major:	Minimum 30 credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours.
Honours:	Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000-4000) of which a minimum 9 must be taken at the 4000 level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities.

REQUIREMENTS FOR A MINOR IN CRIMINAL JUSTICE

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Requirements:	18 credit hours, at least 12 credit hours of which are above the first-year level, and at least 12 credit hours of which are taken at The University of Winnipeg.
Required courses:	12 credit hours, the prerequisite is a grade of "C" or better in the following CJ-1101(6) Introduction to Criminal Justice, CJ-2100(3) Foundations of Criminal Justice, and CJ-2130(3) Criminal Law. 6 credit hours in Criminal Justice courses at or above the 2000 level
Restriction:	Students majoring in Criminal Justice cannot also complete a minor in this area of study.

GENERAL INFORMATION
Prerequisites
CJ-1101(3) Introductory Criminal Justice is the prerequisite for registration in all Criminal Justice courses at the 2000 level and higher.
CJ-2100(3) Foundations of Criminal Justice, CJ-2130 Criminal Law and CJ-2101, Criminal Justice Research Methods is a prerequisite for some 3000 level courses.
Students wishing to take 3000 level courses should check the calendar to ensure they have the appropriate perquisites.

Course Offerings: 2000-and 3000-level courses may be lecture, seminar or laboratory format, or some combination of these, depending on the orientation of the Instructor and the course enrolment. Usually they are lecture format.

4000-Level Courses: Permission of the Department is required for each 4000-level course. Minimum 3.0 GPA (B) in Criminal Justice courses. Students must consult with the Criminal Justice Honours Advisor to receive program approval.

COURSE LISTINGS

The Criminal Justice curriculum is arranged so that students receive excellent academic training and achieve in-depth knowledge of numerous topics including police, courts and corrections, theory and methods. The first two years of the program are organized around these core areas. Third year offerings are integrated with other Departments and provide flexibility for students who wish to specialize in courses related to policing, courts or corrections, criminology, sociology, psychology, or other disciplines.

Core Courses:
CJ-1101(6) Introduction to Criminal Justice
CJ-2100(3) Foundations of Criminal Justice
CJ-2101(3) Criminal Justice Research Methods
CJ-2130(3) Criminal Law
CJ-3205(3) Professional Ethics

Criminal Justice Electives:
CJ-2120(3) Policing in Canada
CJ-2125(3) Victimology
CJ-2203(3) Institutional Corrections
CJ-2204(3) Community Corrections
CJ-3107(3) Criminal Justice and the Media
CJ-3223(3) Green Criminology
CJ-3233(3) Green Justice
CJ-3400(3) Selected Topics in CJ
CJ-3470(3) Forensic Psychology
CJ-3500(3) Interpersonal Violence
CJ-3117(3) Crime Careers
CJ-3121(3) Race and the Criminal Justice System
CJ-3122(3) Criminal Intelligence Analysis
CJ-3130(3) Criminal Procedure
CJ-3133(3) Sex and the Criminal Law
CJ-3201(3) Comparative Crime and Criminal Justice
CJ-3204(3) Crime Prevention
CJ-3800(6) Criminal Justice Field Placement
CJ-4100(6) Capstone course in Criminal Justice
CJ-4105(3) Seminar in Youth and CJS
CJ-4116(3) Program and Policy Evaluation
CJ-4130(3) Advanced Criminal Law
CJ-4200(3) Gangs, Crime and Inner City
CJ-4300(3) Critical CJ Theory
CJ-4400(3) Selected Topics in CJ
CJ-4800(6) Research Field Practicum

Experimental Courses: No offerings at this time.

Interdisciplinary Electives:

Anthropology
ANTH-2103(3) Ethnography of North American First People
ANTH-2304(3) Introduction to Forensic Anthropology

Conflict Resolution
CRS-2221(3) Restorative Justice
CRS-2231(3) Nonviolent Social Change
CRS-2421(3) Legal Systems and Alt. Dispute Resolution

History
HIST-2509(6) History of Aboriginal Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada since 1815
HIST-2604(3) Crime and Punishment in Modern American History
HIST-3224(3) Crime and Conflict in Pre-Modern Europe

Human Rights
HR-2100(3) Concepts and Conventions in Human Rights
HR-2200(3) History of Human Rights in Canada

Philosophy
PHIL-2207(3) Philosophy of Law

Political Science
POL-2315(6) The Legal Process
POL-2400(6) Canadian Politics
POL-2410(6) Human Rights & Civil Liberties in Canada
POL-3135(3) Critical Security Studies

POL-3315(6) The Canadian Legal System
POL-3411(3) Aboriginal People and Law I
POL-3415(3) Aboriginal People and Law II

Psychology
PSYC-2101(3) Introduction to Data Analysis
PSYC-2102(3) Introduction to Research Design
PSYC-2400(3) Social Psychology I
PSYC-2410(3) Social Psychology II
PSYC-2920(3) Drugs and Behaviour

Religion & Culture
REL-2801(3) Introduction to Aboriginal Spirituality
REL-2803(3) Aboriginal Sacred Narratives

Sociology
SOC-2105(6) Race, Ethnic & Aboriginal Relations
SOC-2107(3) Criminological Theory
SOC-2125(3) Intro to Quantitative Research Methods
SOC-2126(3) Intro to Research Design and Qualitative Research
SOC-3201(3) Sociology of Youth Justice
SOC-3203(3) Theories of Penalty
SOC-3208(3) Women: Crime and Social Justice
Human Rights & Civ & hLibertie
SOC-3 22(3 eCirminologi-781(y)]TJ T* .0005 Tc .00077Tw [(SOC-3)-7.3(243(

DANCE PROGRAM (DANC)

Offered in Conjunction with the Department of Theatre and Film

Updated Feb 1, 2017

Note: The department/program code DANC replaces the former code 93. Students cannot hold credit in DANC-xxxx and the former 93.xxxx having the same course number [e.g., DANC-1901(3) and 93.1901(3)].

Co-Directors: Odette Heyn, C.M., Faye Thomson, C.M.

DEGREES OFFERED IN DANCE
3-Year BA
Honours BA

INTRODUCTION
The objective of the Dance Program is to prepare Dance Program majors for graduate-equivalent training and/or professional work in performance, teaching, and/or choreography. The Program is offered jointly with the Senior Professional Program of the School of Contemporary Dancers and admission requires successful audition to the Senior Professional Program of the School of Contemporary Dancers. Continuance in the Dance Program is based on progress as assessed by the School of Contemporary Dancers. The School of Contemporary Dancers is an autonomous training centre with an international reputation. Although affiliated with the University of Winnipeg, professional assessment standards are applied by the school based on industry practice and are subject to periodic external review.

In order to avoid errors in course selection and load (which may result in the need to take additional courses for the degree), we STRONGLY ENCOURAGE students to consult with the Department's Student Advisor in planning their course of study. Call (204) 786-9955 for further information or to arrange an appointment.

REQUIREMENTS FOR A 3-YEAR BA IN DANCE

Although the program objective is designed to promote development as a professional performer and entrants must demonstrate the

EXAMPLE OF PATTERN OF DANCE STUDY

1st Year:

Compulsory:	DANC-1901(3)	Survey of Dance I
	DANC-2901(6)	Dance Technique I
Recommended:	DANC-1904(6)	Spring Dance Intensive I

2nd Year:

Compulsory:	DANC-1902(3)	Survey of Dance II
	DANC-2902(6)	Dance Technique II
Recommended:	DANC-2904(6)	Spring Dance Intensive II
	DANC-3911(6)	Dance Paedagogy I

3rd Year:

Compulsory:	DANC-3901(6)	Dance Technique III
	DANC-3902(6)	Performance I
	DANC-3903(6)	Performance II
Recommended:	DANC-3904(6)	Spring Dance Intensive III
	DANC-3910(6)	Dance Composition I
	DANC-4911(6)	Paedagogy II

REQUIREMENTS FOR THE BA HONOURS IN DANCE

The Honours Program is limited to those who are seeking elite training at the level of, and who have demonstrated the ability to become, an emerging artist as a professional dancer.

Note: Registration for all Honours courses in Dance is by permission of The School of Contemporary Dancers. Students' level of development during the third year of the program must be assessed by the School of Contemporary Dancers to be suitable in order to progress to the fourth year.

ADMISSION REQUIREMENT	Successful audition and acceptance to the Senior Professional Program of the School of Contemporary Dancers. Students may enter into the program after completing a minimum of 30 credit hours. Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses. The minimum 2.5 GPA (C+) in all Non-Honours subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
GRADUATION REQUIREMENT	Minimum 120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including at least 18 credit hours at the upper level (3000/4000), of which a minimum of 9 credit hours must be at the 4000 level.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing. Indigenous: 3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects

Note: Theatre and Film courses cannot be used to fulfil the Honours subject requirements in the Dance Program; they are considered to be a different subject with respect to the maximum number of courses permitted in the Honours subject, and to the University Distribution Requirement.

Required Courses:	DANC-4901(6) Dance Technique IV DANC-4902(6) Performance III DANC-4903(6) Performance IV DANC-4904(6)

DEVELOPMENTAL STUDIES (DEV)

Updated Jan 11, 2017

Note: The department/program code DEV replaces the former code 86. Students cannot hold credit in DEV-xxxx and the former 86.xxxx having the same course number (e.g., DEV-2004(3) and 86.2004(3)).

Director: Professor E. Polyzoi ; Instructors: D. Cameron, J. Simpson, K. Tabbernor, S. Yager
Academic Advisor: Praveen Alahakoon

DEGREES/PROGRAMS OFFERED

3-Year BA

INTRODUCTION

Developmental Studies is a distinct field that draws on the integration of the perspectives and methods of many disciplines to provide a coherent analysis of the biological, environmental, and social factors that influence both individual and group development. As such, it has specific relevance for a growing number of occupations and professions, notably child care, gerontology, and family studies.

Note: Students wishing to undertake advanced study in a specialized area of child development may also select from the following optional courses, provided that all the necessary prerequisites are met (consult Course Calendar for descriptions):

PSYC-4200(3) Topics in Developmental Psychology
PSYC-4250(3) Cognitive Development
PSYC-4260(3) Prenatal and Infant Development

GROUP 2:
VARIATIONS IN INDIVIDUAL FUNCTIONING
(MINIMUM OF 6 CREDIT HOURS)

CRS-1200(6) Introduction to Conflict Resolution Studies
DEV-3300(3)/ LING-3105(3) Speech and Language Disorders in Children
ENV-2604(3) Environment and Health
PSYC-3710(3) Abnormal Behaviour in Children and Adolescents
PSYC-3740(3) Introduction to Family Processes
SOC-2107(3) Criminological Theory
SOC-2108(3) Sociology of Deviance
SOC-3201(3) Sociology of Youth Justice
SOC-3210(6) Critical Studies in Medicine and Psychiatry
SOC-4406(6) Seminar in Sociology of Law & Criminology

GROUP 3:
METHODS OF CRITICAL INVESTIGATION
(3 OR 6 CREDIT HOURS)

ACS-1453(3) Introduction to Computers
PHIL-2252(3) Philosophy of the Social Sciences
PSYC-2101(3) Introduction to Data Analysis
PSYC-2102(3) Introduction to Research Methods
SOC-2125(3) Introduction to Quantitative Research Methods
SOC-2126(3) Introduction to Research Design and Qualitative Research
STAT-1301(3) Statistical Analysis I
STAT-1302(3) Statistical Analysis II

GROUP 4:
SOCIAL CONTEXT OF DEVELOPMENT
(MINIMUM 6 CREDIT HOURS)

ANTH-2300(3) Method and Theory in Biological Anthropology
ANTH-3120(3) Indigenous Peoples of Arctic Canada
ANTH-4105(6) Indigenous and Newcomers in Encounter: Selected Topics
CLAS-2070(6) Women and Family in Greece and Rome
DEV-2004(3) Observation and Evaluation Techniques in Child Care Settings
DEV-3100(3) The Child, Family, and Social Policy
DEV-3400(3) Parents, Families & Professionals in Child Care
ENGL-2003(6) The Field of Children's Literature
ENGL-2004(6) A History of Children's Literature
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales, Fantasy, and Cultures
ENGL-3119(3) Canadian Children's Literatures and Culture
GEOG-2407(3) Recreation Geography
SOC-2103(3) Sociology of Families
SOC-2109(3) Social Policy and Social Welfare
SOC-2118(6) Sex and Gender Relationships
SOC-2202(3) Changing Patterns of Aging

Note: Students may also select from the following optional courses, provided that all the necessary prerequisites are met (consult Course Calendar for descriptions):

PSYC-4240(3) Social Development
SOC-4412(6) Seminar in Sociology of Families

Individuals wishing to work in applied settings should consider selecting electives from the following courses. These courses are NOT part of Group 4.

KIN-2101(3) Program Planning in Sport
KIN-2206(3) Movement Education
PSYC-3720(3) Behaviour Modification
THFM-3502(6) Drama in Education

Note:

1. Students are advised to take PSYC-1000(6) Introductory Psychology, PSYC-2200(3) Developmental Psychology I: Fundamentals and SOC-2115(6) Sociology of Socialization and Development early in their Program. SOC-1101(6) Introduction to Sociology is not required as a prerequisite for SOC-2115(6), SOC-2103(3) Sociology of Families, SOC-3303(3) Globalization and Families, and SOC-2109(3) 9.(15()-4.8(6))-4.9(e48 3d Fam]Tit .70rs 1 Tpre .5332 .3(c)-3.4(oRfor)].1504(3 c Tw [(TT(15()-4.8-3))-4.9( )-1593(O)(nTw [6.4]Tit TT2 1 Ten ao ta

3. Students with a two-year diploma from RRC or USB receive a waiver of Introductory Psychology (PSYC-1000(6)) and Developmental Psychology I: Fundamentals (PSYC-2200(3)

respective institution. In the fourth year of the program, students will return to UW for the Stream C Specialization year. Upon successful completion of the joint program, students will be awarded a three-year BA degree from the UW. They are also eligible to receive an Early Childhood Educator III classification from the Manitoba Early Learning and Child Care Program (the Manitoba Department of Famili.Ompy.

BUS-2440(3) Fundamentals of Human Resource Management
DEV-3610(3) Topics in Leadership in ECCE
DEV-3630(3) Advanced Internship

ELECTIVES

Students are encouraged to select electives from the following list of courses:

ACS-1453(3) Introduction to Computers
BUS-2002(3) Fundamentals of Financial Accounting
BUS-2103(3) Fundamentals of Organizational Behaviour
BUS-3110(3) Ethics in Management
BUS-3250(3) Not-for-Profit Management
IDS-4920(3) Program Planning in Development and Conflict Resolution
KIN-2101(3) Program Planning in Sport
POL-3300(3) Public Policy Process
POL-3320(3) Women and the Law
POL-3411(3) Aboriginal People and the Law I
POL-3415(3) Aboriginal People and the Law II
PSYC-2440(3) Organizational Psychology I
PSYC-2450(3) Organizational Psychology II
PSYC-3450(3) Organizational Leadership and Decision Making
PSYC-3480(3) Interpersonal Communication
REL-2802(3) indigenous and Christian Encounter
RHET-2131(3) Professional Style and Editing
SOC-2109(3) Social Policy and Social Welfare
SOC-3118(6) Women in Society

REQUIRED UW HUMANITIES, SCIENCE, AND INDIGENOUS COURSES
(21 CREDIT HOURS)

Students must fulfil 12 credit hours of Humanities courses, 6 credit hours of Science courses, and 3 credit hours of designated Indigenous requirement courses.

Category B
For Applicants Entering Directly from High School or the Work Force
CORE Courses (27 credit hours)

CRS-1200(6) Introduction to Conflict Resolution Studies
PSYC-2200(3) Developmental Psychology I: Fundamentals
DEV-2004(3) Observation & Evaluation Techniques in Child Care Settings
DEV-3100(3) The Child, Family, and Social Policy
DEV-3400(3) Parents, Families and Professionals in Child Care

One of
SOC-2115(6) Sociology of Socialization and Development
SOC-2103(3) Sociology of Families and SOC-3303(3) Globalization and Families OR the former SOC-2103(6) Sociology of Families

One of
DEV-3001(3) Applied Child Development
PSYC-3200(3) Developmental Psychology II: Childhood

Note: Students entering from high school or the work force are advised to take any first-year Science course, PSYC-1000(6) Introductory Psychology, Academic Writing (if required), and Humanities electives in the first year of their program. They will receive a waiver of SOC-1101(6) Introduction to Sociology only for SOC-2115(6) Sociology of Socialization and Development, SOC-2103(3) Sociology of Families, and SOC-3303(3) Globalization and Families.

BUS-2440(3)	Fundamentals of Human Resource Management	DEV-3610(3)	Topics in Leadership in ECCE
		DEV-3630(3)	Advanced Internship

ELECTIVES

Students are encouraged to select electives from the following list of courses;

ACS-1453(3)	Introduction to Computers	POL-3415(3)	Aboriginal People and the Law II
BUS-2002(3)	Fundamentals of Financial Accounting	PSYC-2440(3)	Organizational Psychology I
BUS-2103(3)	Fundamentals of Organizational Behaviour	PSYC-2450(3)	Organizational Psychology II
BUS-3110(3)	Ethics in Management	PSYC-3450(3)	Organizational Leadership and Decision Making
BUS-3250(3)	Not-for-Profit Management		
IDS-4920(3)	Program Planning in Development and Conflict Resolution	PSYC-3480(3)	Interpersonal Communication
		REL-2802(3)	Indigenous and Christian Encounter
KIN-2101(3)	Program Planning in Sport	RHET-2131(3)	Professional Style and Editing
POL-3300(3)	Public Policy Process	SOC-2109(3)	Social Policy and Social Welfare
POL-3320(3)	Women and the Law	SOC-3118(6)	Women in Society
POL-3411(3)	Aboriginal People and the Law I		

REQUIRED UW HUMANITIES, SCIENCE, AND INDIGENOUS COURSES
(21 CREDIT HOURS)

Students must fulfil 12 credit hours of Humanities courses, 6 credit hours of Science courses, and 3 credit hours of designated Indigenous requirement courses

COURSE LISTINGS

DEV-2004(3)	Observation and Evaluation Techniques in Child Care Settings	DEV-3400(3)	Parents, Families & Professionals in Child Care
DEV-3001(3)	Applied Child Development	DEV-3500(3)	Independent Study
DEV-3100(3)	The Child, Family and Social Policy	DEV-3600(3)	Special Topics in Developmental Studies
DEV-3300(3)/ LING-3105(3)	Speech and Language Disorders in Children	DEV-3610(3)	Topics in Leadership in ECCE
		DEV-3630(3)	Advanced Internship

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the "Academic Calendar" section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

DISABILITY STUDIES (DIS)

Updated Apr 5, 2017

Coordinator: Professor M. Owen; Administrative Assistant: L. Fauzi

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Disability Studies is an interdisciplinary program that balances theory, methods, and practice so that graduates will have both a broad education in the liberal arts and sciences, and a depth of study in the area of Disability Studies. The focus of the program is the critical analysis of disability in society which includes the study of disability as a social, scientific, cultural, historical, and political construction. This allows students to examine such topics as human rights, ethics and accountability, adaptive physical activity, sport and recreation, social movements, normalcy, eugenics, genetic engineering, family, sexuality, employment, socialization and development, aging, education, adaptive and universal design, international development, and gender issues.

REQUIREMENTS FOR A 4-YEAR BA IN DISABILITY STUDIES

ADMISSION REQUIREMENT	Acceptance into Red River College and the University of Winnipeg
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science (note that some Research Methods courses help fulfil this requirement)
Social Science:	12 credit hours in Social Science
Writing:	3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours (27 credit hours in required courses – listed below, 3 credit hours in related course work , and 18 credit hours from the 45 credit hour transfer from RRC)

Required Courses:

DIS-1003(3)	Introduction to Disability Studies I
DIS-1004(3)	Introduction to Disability Studies II
DIS-2100(3)	Theorizing Disability*
DIS-3001(3)	Disability Studies Seminar I*
DIS-3002(3)	Research Disability Studies Placement I*
DIS-4001(3)	Disability Studies Seminar II*
DIS-4002(3)	Research Disability Studies Placement II*

3 credit hours:
Any introductory social science qualitative research methods course

3 credit hours:
Any introductory social science quantitative research methods course

Minimum 3 credit hours of related course work must be taken with the approval of the Disability Studies Coordinator.

REQUIREMENTS FOR AN HONOURS BA IN DISABILITY STUDIES

REQUIREMENTS FOR A MINOR IN DISABILITY STUDI ES

Degree:	Students completing any undergraduate degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject

Required courses:

DIS-1003(3) Introduction to Disability Studies I
DIS-1004(3) Introduction to Disability Studies II
DIS-2100(3) Theorizing Disability*
DIS-3001(3) Disability Studies Seminar I*
DIS-3002(3) Research Disability Studies Placement I*
3 credit hours from:
Any introductory social science qualitative research methods course or

EAST ASIAN LANGUAGES & CULTURES (EALC)

Updated July 6, 2017

Chair: Associate Professor: C. Colorado (Religion & Culture) ; Professor X-Y. Dong (Economics); Associate Professor E. Alexander (History); Assistant Professors: S. Balkwill (Religion & Culture), J. Newmark (Religion & Culture), L. Szekely (Religion & Culture).

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

The East Asian region constitutes one of the most dynamic and intellectually rich regions in the world. The impact of East Asian economic development has been keenly felt in recent decades and the region has a major impact on world affairs. The legacy of East Asian history, religious and social values, literatures, etc., is a major factor in current affairs in the region, and this legacy will continue to shape our global future.

The EALC program is devoted to the study of East Asian cultures. The program introduces students to East Asian cultures and societies through two components: a) the study of East Asian languages (Chinese—Mandarin and Classical, Japanese and Korean), and b) the study of East Asian cultures through a multi-disciplinary approach (Religion & Culture, History, Literature, Cinema, Economics, Politics, and International Development Studies). A unique feature of the program is its focus on the intellectual legacy of East Asian cultures, introduced through the study of texts and ideas in the historical and cultural contexts that shaped them. The rationale for this focus is a belief that just as East Asian economies are having a global impact beyond the East Asian region, intellectual beliefs and cultural habits will challenge hitherto global presuppositions regarding accepted practices and habits of thought.

The EALC program is currently administered through the Department of Religion & Culture. Graduates who are interested in careers related to East Asia in fields such as education, government, and business benefit greatly from courses in East Asian Languages & Cultures.

REQUIREMENTS FOR A 3-YEAR BA IN EAST ASIAN LANGUAGES & CULTURES

ADMISSION REQUIREMENT Students are advised to consult with the faculty advisor in planning their curriculum at the beginning of each registration session.

GRADUATION REQUIREMENT 90 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in East Asian Languages & Cultures and the specified number of credit hours in the other department/program.
Distribution:	Students must take at least 3 credit hours relating to Chinese culture and 3 credit hours relating to Japanese culture.

Required courses:

EALC-1004(3) East Asian Cultural Foundations
Minimum of 6 credit hours in an East Asian language (Chinese, Japanese or Korean).
Minimum of 15 credit hours in additional (CORE OR AREA) East Asian culture courses at the 2000 level or above. (Up to 6 credit hours may be taken from courses with significant Asian content—see below). This must include a minimum 6 credit hours at the 3000 level in East Asian Languages & Cultures, including 3000-level language courses.

.

Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

EALC-1004(3) East Asian Cultural Foundations
Minimum of 6 credit hours in an East Asian language (Chinese, Japanese or Korean).

Minimum of 12 credit hours in East Asian culture courses (up to 6 credit hours may be taken from courses with significant Asian content—see below).
Minimum 3 credit hours at the 3000 level in East Asian Languages & Cultures.

REQUIREMENTS FOR A 4-YEAR BA IN EAST ASIAN LANGUAGES & CULTURES

ADMISSION REQUIREMENT	Students must consult with the department advisor in planning their studies. Students must have completed at least 30 credit hours previously.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Indigenous:	3 credit hours in designated Indigenous requirement courses
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Distribution:	Students must take at least 6 credi

EALC-2709(3) Women in Asian Religions & Cultures
EALC-2718(3) Buddhist Traditions in East Asia
EALC-2721(3) Traditional Japanese Culture
EALC-2723(3) Japanese Cinema
EALC-2731(3) Chinese Culture & Beliefs
EALC-2734(3) The Making of Modern East Asian Culture
EALC-2772(3) Modern Chinese Literature in Translation
EALC-2773(3) Chinese Cinema
EALC-2774(3) Chinese Intellectual History
EALC-2775(3) Intellectual Encounters: China and the West
EALC 2780(3) East Asian Martial Arts
EALC 2785(3) Conceiving Japan and Its World
EALC-3704(3)/4704(3) Chinese & East Asian Perspectives on Human Rights
EALC-3707(3)/4707(3) Zen Buddhism & East Asian Culture

ECONOMICS (ECON)

Updated Feb 13, 2017

Note: The department/program code ECON replaces the former code 14. Students cannot hold credit in ECON-xxxx and the former 14.xxxx having the same course number (e.g., ECON-1102(3) and 14.1102(3)).

Chair: Professor M. Pandey; Professors: P. Cyrenne, X-Y. Dong, H. Grant; Associate Professors: S. Baksi, S. Dodds, M. O'Gorman, J. Townsend, A. Raychaudhuri; Assistant Professors: W. Cai, Z. Li, H. Ta.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA (Concentrntnudies the issues related to the mixture of competition and coope
and governments in satisfying these wants.
out of the mixture of competition and cooperation among individuals, private organizations,
nts. In recent years, economics has been particularly concerned with analysis of the major
nflation, and the distribution of wealth; with environmental issues; and with the alternative

conomics is directed towards the goal of a liberal arts education. Students study the
ackground of modern economics from a Canadian perspective. This provides an analytical
lgements about current economic policies. One may obtain the Economics Major through
Honours degree program. Some of the courses offered are recommended for
mon for other Social Science Departments to require or recommend certain Economics
nomics you may choose a general degree or a degree that includes a number of course
Environmental Economics, Development Economics, Financial Markets, Political Economy

l lead naturally to employment in business, financial services, government, and international
ead to university teaching positions, independent consultancies, and research. The BA in
tudents planning to go into law, accounting, or business schools.

REQUIREMENTS FOR A 3-YEAR BA IN ECONOMICS

ADMISSION REQUIREMENT — Students must consult with a member of the Department in planning their course of(.BA in)9 Tf 7.98 04.812 -1.15

RESIDENCE REQUIREMENT

Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours

who wish to pursue a BA (Hons) Economics must also take MATH-1104 (3) Introduction to Calculus II (in their first or second year) or the course MATH-1101(6) Introduction to Calculus or the equivalent MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II (in their first year).
(ii) 3 credit hours in Statistics : STAT-1301(3) Statistical Analysis I or the equivalent.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major.

Prescribed courses:
ECON-1102(3) Introduction to Economics: Micro
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
6 credit hours at the 3000 level Economics

Students in the General program who are entering the third year of studies with a minimum 3.0 GPA (B) in all Economics courses may be permitted to register in a maximum of 2 (two) 4000-level courses with approval of the Department Chair.
A 4000-level course may be substituted for a 3000-level requirement.
Students who have already completed 6 credit hours in Introductory Statistics (STAT-1301(3), STAT-1302(3) or the former STAT-1201(6) or the former STAT-1301(6)) may not use the former ECON-2202(3) Statistical Analysis in Economics as credit towards any major in Economics; these students need to take additional Economics course(s) in order to meet the minimum Major requirement.
Students wishing to pursue an Honours degree in Economics are advised to complete MATH-1101(6) or the equivalent MATH-1103 (3) Introduction to Calculus I AND MATH-1104 (3) Introduction to Calculus II and STAT-1301(3)in their first year of study. These students are advised to complete ECON-2201(3) Mathematics for Economics and Finance in their second year of study.

REQUIREMENTS FOR THE 4-YEAR BA IN ECONOMICS

ADMISSION REQUIREMENT	Students must consult with the department advisor in planning their course of study. Minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours of Economic courses plus specified number of credit hours in the other departments/programs.
Double Major:	48 credit hours in each Major subject as specified by the department/program.

Required courses:
Minimum 2.0 GPA (C) required in the Introductory course(s):
ECON-1102(3) Introduction to Economics: Micro, AND
ECON-1103(3) Introduction to Economics: Macro
ECON-2101(3) Intermediate Economics: Micro
ECON-2102(3) Intermediate Economics: Macro
ECON-2201(3) Mathematics for Economics and Finance
ECON-3104(3) Modern Microeconomics for Economics and Business
Minimum 24 credit hours at the 3000 level or 4000 level.
Quantitative Methods Requirement (minimum 9 credit hours)
(i) 6 credit hours in Mathematics: MATH-1103 (3) Introduction to Calculus I and MATH-1104 (3) Introduction to Calculus II the equivalent MATH-1101(6) Introduction to Calculus. Alternatively, students may take MATH-1103 (3) Introduction to Calculus I (recommended) or MATH-1102(3) Basic Calculus (Terminal) and MATH-1201(3) Linear Algebra.
(ii) 3 credit hours in Statistics : STAT-1301(3) Statistical Analysis I or the equivalent.

Combined Major:	Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

ECON-1102(3)	Introduction to Economics: Micro
ECON-1103(3)	Introduction to Economics: Macro
ECON-2101(3)	Intermediate Economics: Micro
ECON-2102(3)	Intermediate Economics: Macro

6 credit hours of 3000 level Economics

Students with a minimum 3.0 GPA (B) in Economics courses may be permitted to substitute a maximum of 18 credit hours of 4000-level courses for 3000-level courses with approval of the Department Chair.

An additional 30 credit hours is required. Students choose either Option A or Option B.

A. BA 4 year Economics (30 additional credit hours in Economics)

B. BA 4 year Concentration Program in Economics

CONCENTRATION PROGRAM REQUIREMENTS (Choose two areas of Concentration)

I. Concentration (Public Policy) (PP) (Choose 15 credit hours)
ECON-3115(3) Gender and the Economy
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3303(3) Economics of Public Expenditures: Theory and Policy
ECON-3304(3) Economics of Taxation: Theory and Policy
ECON-3307(3) Industrial Organization
ECON-3308(3) Regulation and Public Policy
ECON-3310(3) Economics of Health Care
ECON-3311(3) Government Policy Towards Business
ECON-3316(3) Cost-Benefit Analysis and Project Evaluation
* Recommended

II. Concentration (Environmental Economics) (EE) (Choose 15 credit hours)
ECON-2311(3) Economics of Natural Resource Extraction
ECON-2317(3) Environmental Economics
ECON-2318(3) Energy Economics
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3315(3) Urban Economics and Real Estate Markets
ECON-3316(3) Cost-Benefit Analysis and Project Evaluation
* Recommended

III. Concentration (Development) (D) (Choose 15 Credit hours)
ECON-2306(3) Canadian Economic Development
ECON-3115(3) Gender and the Economy
ECON-3120(3) Microfinance in Theory and Practice
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3301(3) International Trade: Theory and Policy
ECON-3305(3) Economic Development
ECON-3306(3) International Aspects of Economic Development
ECON-3315(3) Urban Economics and Real Estate Markets
ECON-3317(3) Economic Development in the Asia Pacific Region
ECON-3302(3) International Finance
* Recommended

IV. Concentration (Political Economy) (PE) (Choose 15 credit hours)
ECON-2303(3) Labour Economics
ECON-2304(3) Income Distribution and Industrial Relations
ECON-2305(3) Canadian Economic History
ECON-2306(3) Canadian Economic Development
ECON-3115(3) Gender and the Economy
ECON-3120(3) Microfinance in Theory and Practice
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3321(3) History of Economic Thought I
ECON-3322(3) History of Economic Thought II
* Recommended

V. Concentration (Financial Markets) (F) (Choose 15 credit hours)
ECON-2301(3) Financial Markets and Financial Systems
ECON-2302(3) Money and Banking
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3311(3) Government Policy Towards Business
ECON/BUS-2819(3) Corporate Finance I
ECON/BUS-2820(3) Corporate Finance II

ECON-4310(3) Topics in International Economics
ECON-4311(3) Topics in the History of Thought: Keynes
ECON-4313(3) Topics in Industrial Organization and Competition Policy
ECON-4314(3) Topics in Public Economics
ECON-4316(3) Topics in Regulation and Public Enterprises
ECON-4317(3) Topics in Environmental and Natural Resource Economics
ECON-4318(3) Topics in Labour Economics
ECON-4411(3) Advanced Reading Course in Economics
ECON-4412(3) Advanced Reading Course in Economics
ECON/BUS-4800(3) Investments
ECON/BUS-4801(3) Options, Futures & Derivatives
ECON/BUS-4802(3) Topics in Finance I
ECON/BUS-4803(3) Topics in Finance II

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the "Academic Calendar" section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

ECONOMICS AND FIO1tO9R 2-64O1t)j /T9 0 199 47

BUS-1202 (3) Introduction to Business II
BUS-2002 (3) Fundamentals of Financial Accounting
BUS-2210 (3) Fundamentals of Marketing
BUS-2501 (3) Fundamentals of Production and Operational Management

Required Cross-Listed Courses in Finance (15 Credit Hours from the following)
ECON/ BUS-2819 (3) Corporate Finance I
ECON/ BUS-2820 (3) Corporate Finance II
ECON/ BUS-3819 (3) Advanced Corporate Finance
ECON/ BUS-4800 (3) Investments
ECON/ BUS-4801 (3) Options, Futures and Derivatives
ECON/BUS-4802 (3) Topics in Finance I
ECON/BUS-4803 (3) Topics in Finance II

Required Courses Quantitative Methods (15 Credit Hours)
(i) 6 Credit Hours in Statistics: STAT-1301(3) Statistical Analysis I and STAT-1302(3) Statistical Analysis II or the equivalent.
(ii) 6 Credit Hours in Mathematics: MATH-1103 (3) Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods for Economics and Business AND ECON-2201(3) Mathematics for Economics and Finance.
(iii) 3 additional credit hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

Additional Required courses Economics (choose 15 credit hours from the following):
ECON-2301 (3) Introduction to the Theory of Financial Systems
ECON-2302 (3) Introduction to Monetary Economics and Banking
ECON-3104 (3) Modern Microeconomics for Economics and Business
ECON-3319 (3) Managerial Economics
ECON/BUS-3320 (3) Managerial Finance
ECON-3302 (3) International Finance: Theory and Policy
ECON-3303 (3) Economics of Public Expenditures: Theory and Policy
ECON-3304 (3) Economics of Taxation: Theory and Policy
ECON-3311(3) Government Policy Towards Business
(Check with Program Advisor for additional Economics courses satisfying this requirement.)

Corporate Social Responsibility Requirement (choose 3 credit hours from the following):
BUS-3110 (3) Ethics in Management
BUS 3255 (3) Social Enterprise: From Theory to Practice
PHIL-2233 (3) Environmental Ethics
PHIL-2201 (6) Moral Philosophy
IDS-3101 (3) Development Ethics

Suggested Elective courses:
BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2003 (3) Managerial Accounting
POL-2320 (3) Government-Business Relations in Canada

REQUIREMENTS FOR THE 4-YEAR BBA IN ECONOMICS AND FINANCE

ADMISSION REQUIREMENT	Students must consult with the Program Coordinator or Program advisor in planning their course of study. Minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES

Required Courses Business (15 Credit Hours)
BUS-1201 (3) Introduction to Business I
BUS-1202 (3) Introduction to Business II
BUS-2002 (3) Fundamentals of Financial Accounting
BUS-2210 (3) Fundamentals of Marketing
BUS-2501 (3) Fundamentals of Production and Operational Management

Required Courses Economics (15 Credit Hours)
ECON-1102 (3) Introduction to Economics: Micro
ECON-1103 (3) Introduction to Economics: Macro
ECON-2101 (3) Intermediate Economics: Micro
ECON-2102 (3) Intermediate Economics: Macro
ECON-2301 (3) Financial Markets and Financial Systems

Required Cross-Listed Courses in Finance (15 Credit Hours from the following)
BUS/ECON -2819 (3) Corporate Finance I
BUS/ECON -2820 (3) Corporate Finance II
BUS/ECON -3819 (3) Advanced Corporate Finance
BUS/ECON -4800 (3) Investments
BUS/ECON -4801 (3) Options, Futures and Derivatives
ECON/BUS-4802 (3) Topics in Finance I
ECON/BUS-4803 (3) Topics in Finance II

Required Courses Quantitative Methods (15 Credit Hours)
(i) 6 Credit Hours in Statistics: STAT-1301(3) Statistical Analysis I and STAT-1302(3) Statistical Analysis II or the equivalent.
(ii) 6 Credit Hours In Mathematics: MATH-1103 (3). Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods in Economics and Business AND ECON-2201(3) Mathematics for Economics and Finance
(iii) 3 additional Credit Hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

Additional Required Courses (18 Credit Hours)

Required 12 credit hours:
BUS-2003 (3) Managerial Accounting
BUS-2103 (3) Fundamentals of Organizational Behaviour
BUS-2440 (3) Fundamentals of Human Resource Management
POL-2320 (3) Government-Business Relations in Canada

Corporate Social Responsibility Requirement (choose 3 credit hours from the following):
BUS-3110 (3) Ethics in Management
BUS 3255 (3) Social Enterprise: From Theory to Practice
IDS-3101 (3) Development Ethics
PHIL-2201 (6) Moral Philosophy
PHIL-2233 (3) Environmental Ethics

Integrative Course Requirement: (choose 3 credit hours from the following):
BUS-4220 (3) International Business
BUS-4540 (3) International Marketing
BUS-4901 (3) Business Strategy
BUS-4940 (3) Emerging Markets and Business Practices

Suggested Elective courses:
ECON-2301 (3) Introduction to the Theory of Financial Systems
ECON-2302 (3) Monetary Economics and Banking
ECON-3104 (3) Modern Microeconomics for Economics and Business
ECON-3302 (3) International Finance: Theory and Policy
ECON-3319 (3) Managerial Economics
ECON-3320 (3) Managerial Finance
ECON-3302 (3) International Finance: Theory and Policy
ECON-3303 (3) Economics of Public Expenditures: Theory and Policy
ECON-3304 (3) Economics of Taxation: Theory and Policy
ECON-3311(3) Government Policy Towards Business
(Check with Program advisor for additional elective courses in Economics.)

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FACULTY OF EDUCATION (EDUC)

Updated July 6, 2017

Note: The department/program code EDUC replaces the former code 15. Students cannot hold credit in EDUC-xxxx and the former 15.xxxx having the same course number (e.g., EDUC-1801(3) and 15.1801(3)).

Dean: Professor K. McCluskey; Associate Dean : Professor J. Anchan; Professors: E. Polyzoi, L. Sokal, J. Stewart, D. Sutherland, C. Taylor; Associate Professors: P. Betts, L. Block, N. Hall, D. Copsey-Haydey, L. Kornelsen, R. Kroeker, K. Magro, B. Rice, S. Skwarchuk; Assistant Professors:

they must have completed a Distribution Requirement consisting of 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English requirement); 6 credits hours in Math (only Math courses can be used to meet the Math requirement) Statistics courses or research methods cannot be used; 6 credit hours in Science (only Biology, Chemistry, Physics, and Physical Geography courses can be used); 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement). Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. If students do not have 60 credit hours in their first degree which can be applied toward the BEd program, they must complete these requirements prior to applying to the program.

III. The Joint University of Winnipeg / Red River College Bachelor of Education Programs

The University of Winnipeg in conjunction with Red River College offers a five-year Integrated 150 credit hour BEd/BA/BPHE or BSc degree. Upon completion of the program, graduates will have a major in Business, Industrial Arts/Technology or Aboriginal Language education and a second academic major in a teachable subject area. Students in this program do courses on site at the University of Winnipeg and Red River College in all years of the program.

IV. The Joint University of Winnipeg / Red River College 2- Year or 3-Year After-Degree Program in Business Teacher Education, or the 3-Year After-Degree Program in Industrial Arts/Technology or the 2-Year or 3-Year After-Degree Program in Aboriginal Language

These programs are intended for students who already hold an undergraduate degree.

Business Teacher Education (2-Year or 3-Year After-Degree Programs): Students who have completed a first undergraduate degree with a significant concentration in business courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in business courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

Industrial Arts/Technology Teacher Education (3-Year After-Degree Program): Students who have completed an undergraduate degree may be eligible to apply for a 3-year After-Degree program. Generally, students will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

Aboriginal Language Teacher Education (2-Year or 3-Year After-Degree Programs): Students who have completed a first undergraduate degree with a significant concentration in Aboriginal language courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in Aboriginal language courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

V. The Certified Teacher BEd Program

Certified teachers who have completed a minimum of one year of professional training and wish to upgrade their qualifications are eligible for this program. Students normally receive 30 credit hours in transfer credit for the year of teacher training and will be required to complete additional coursework (minimum 30 credit hours) to fulfill the requirements of the BEd/BA/BPHE or BEd/BSc.

VI. The Joint University of Winnipeg / Red River College Vocational Teacher Education Program

Graduates of the Red River College Vocational Education program who hold a limited teaching certificate may receive up to 90 credit hours towards the 150 credit hour BEd degree requirements.

VII. Winnipeg Education Centre Program (WEC)

The University of Winnipeg offers a 5-year Integrated BEd/BA program for residents of the inner city who are 21 years of age or older by the start of the September session, who are representative of the inner city population, and who are in need of academic, personal, and financial supports in order to pursue a university degree. Coursework is delivered on site at the University of Winnipeg. For further information contact the Winnipeg Education Centre, 2E00 - 511 Ellice Avenue, Winnipeg, MB, R3B 2E9, (204) 789-1418.

VIII. Community-Based Aboriginal Teacher Education Program (CATEP)

In partnership with Seven Oaks and Winnipeg School Divisions, The University of Winnipeg offers a specialized BA/BED degree program for aboriginal people who are working as teacher aides. Students must be employed by Seven Oaks or Winnipeg

Candidates applying to transfer into the Program: Maximum 2 spaces
Candidates applying to the After-Degree Program: Maximum 3 spaces
Candidates applying to the Business Education Program: Maximum 1 space
Candidates applying to the Industrial Education Program : Maximum 1 space

Category 3: Special Consideration

An applicant may apply for Expanded Admission if their educational performance has been hindered by circumstances such as:

a) barriers resulting from personal experiences related to ethnic identity
b) first language other than English
c) interruption of education by war or refugee experience
d) a permanent disability which has been formally diagnosed and supported with medical documentation
e) a previous attempt at university which is not representative of student's ability.

Applicants applying for special consideration under points a – e must include a 1 – 2 page written statement with their application describing the factors that have prevented them from achieving a competitive G.P.A. in high school and/or university and include supporting documentation (if applicable). For Transfer and After Degree applicants this statement would accompany the mandatory autobiography that all applicants must submit.

f) a GPA below 2.5 but with documented, successful classroom experience

Applicants in this category must:

- Have at least 24 months of recent (within the past 5 years), full-time experience working in a classroom, daycare (does not include home daycare) or before & after school program
- Have 24 months of experience completed by December 31 of t

GENERAL DEGREE REQUIREMENTS

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses. This requirement is met by the compulsory course EDUC 4410 Introduction to Aboriginal Education.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum Of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR/ MINOR REQUIREMENTS

ARTS, KINESIOLOGY OR SCIENCE MAJOR REQUIREMENT
Minimum 30 credit hours in a major leading to a BA, BPHE or BSc Degree (see section VII, 3)
EDUCATION MAJOR REQUIREMENT
Senior Years (9-12) Stream
30 credit hours in a major teachable area (see the tables at the end of the Education section).
Note: In some cases, the major teachable area can be fulfilled by the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.
Early, Early/Middle, and Middle Years or Elementary (K-8) Streams
18 credit hours in a major teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

EDUCATION MINOR REQUIREMENT
Senior Years (9-12) Stream
18 credit hours in a minor teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas. Students with a minor in Kinesiology must complete 18 credit hours.
Early, Early/Middle, and Middle Years or Elementary (K-8) Streams
12 credit hours in a minor teachable area (see the tables at the end of the Education section). These 12 credit hours may be fulfilled by courses used to meet the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.
Note: All Streams The major and minor must be selected from 2 different teaching areas.

Distribution Requirement
Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of:
- 6 credit hours in English literature or French literature courses (Academic Writing courses cannot be used toward the English requirement)
- 6 credit hours in Mathematics (Only Math courses can be used; Statistics or research methods cannot be used.)
- 6 credit hours in a physical or biological science (Biology, Chemistry, Physics or Physical Geography courses can be used toward the Science requirement.)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. However, students cannot use the same Geography courses to fulfill both the Science and Social Studies requirement.

REQUIRED COURSES
(Integrated BEd/BA/BPHE or BSc Degree)
Early Years, Early/Middle Years or Middle Years Stream

- EDUC-1810(3) Educational Leadership Within a Service Learning Framework (previously EDUC-2800(3)) (Note: Students in the WEC & CATEP ACCESS Programs only will complete EDUC-1801 or 1802 Education Today.)
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum* (or EDUC-2514(1))
- EDUC 3510 (3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum* (or EDUC-3814(2))
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- EDUC-4835(1) - EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC-4843(1) - EDUC-4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- if Early Years: EDUC-4820(3) Early Years Education
- if Middle Years: EDUC-4821(3) Middle Years Education
- EDUC-4410(3) Introduction to Aboriginal Education
- 3 Credit hours of Inclusive Education II Courses
- 10 credit hours of Practicum Blocks as follows:

If Early Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4881(2.5)*

If Early/Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*
If Middle Years: Practicum Blocks EDUC-4872(2.5)*, EDUC-4876(2.5)*, EDUC-4879(2.5)* and EDUC-4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

REQUIRED COURSES
(Integrated BEd/BA/BPHE or BSc Degree)
Senior Years Stream

- EDUC-1810(3) Educational Leadership within a Service Learning Framework (previously EDUC-2800(3))
- EDUC-2410(3) The School System: Structure and Dynamics- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum*
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  CLAS-2050(3) Education in the Ancient World
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  HIST-2514(3) History of Canadian Education
  HIST-2516(3) History of Education: Residential Schools
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  UIC-2515 (3) History of Education in Winnipeg's Inner City
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Minor*
- EDUC-4401(3) Just and Effective Schools
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4821(3) Middle Years Education
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

GRADE POINT REQUIREMENTS
- Students must obtain a 2.0 GPA (C) on 91 credit hours to be admitted to the certification portion of the degree.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all BEd requirements to qualify for the degrees.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

NOTE: Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC 2514(1) (WEC), EDUC-3810(6) and EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR BA, BPHE or BSc GRADUATES TO OBTAIN THE BEd (AFTER-DEGREE BEd PROGRAM)

ADMISSION REQUIREMENTS
- Space in the After-Degree BEd Program is limited, and not all eligible applicants may be admitted.
- Applicants must have completed a first undergraduate degree (minimum 90 credit hours), with appropriate course work completed in a major teachable area and a minor teachable area. As well, applicants to the Early, Early/Middle or Middle Years stream must have completed a Distribution Requirement as outlined below.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.

30 credit hours in a major teachable area (see the tables at the end of the Education section).
Note: In some cases, the major teachable area can be fulfilled by the Arts, Kinesiology or Science major. However, some Arts or Science majors are not considered teachable areas.

REQUIREMENTS FOR THE INTEGRATED BEd/BA/BPHE OR BSc
JOINT UW/RRC BUSINESS TEACHER EDUCATION or INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION PROGRAMS

ADMISSION REQUIREMENTS

- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Students must meet Regular or Mature status admission requirements.
- Students currently registered in a BA, BPHE or BSc program, or students who have completed a first undergraduate degree, may apply to the Joint UW/RRC program.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening,

REQUIREMENTS FOR BA, BPHE OR BSc GRADUATES TO OBTAIN THE JOINT UW/RRC BEd IN BUSINESS TEACHER EDUCATION OR INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION (AFTER-DEGREE PROGRAMS)

ADMISSION REQUIREMENTS

- Space in the Joint UW/RRC After-Degree BEd programs is limited, and not all eligible applicants may be admitted.
- Students must meet Regular admission requirements.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Applicants must have completed a first undergraduate degree. Minimum 90 credit hour degree.
- Depending on the content of the first degree, advance credit may be granted for Red River courses. If admitted to the 2-Year After Degree program, students must complete an additional 60 credit hours. If admitted to the 3-Year After Degree program, students must complete an additional 90 credit hours. Advance standing in Red River courses will be evaluated by the Chair of Teacher Education, Red River College.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.

NOTE: Students are advised that courses taken at Red River College

- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 credit hours of Inclusive Education II Courses
- 3 credit hours chosen from:
  EDUC-2232(3) Conflict Resolution in Educational Settings
  EDUC-3400(3) Educational Settings and the Sociology of Learning
  EDUC-4401(3) Just and Effective Schools
  HIST-2514(3) History of Canadian Education
  PHIL-2291(3) History of Educational Ideas (Philosophy course)
  SOC-1105(3) Beginning Sociology in Education
  UIC-2515 (3) History of Education in Winnipeg's Inner City

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education Program residency requirements.

REQUIRED COURSES
(After-Degree

REQUIREMENTS FOR THE JOINT UW/RRC VOCATIONAL TEACHER EDUCATION PROGRAM

ADMISSION REQUIREMENTS
- Students must have completed the RRC Vocational Teacher Education Diploma before being admitted to the UW BEd Program.
- Students must meet regular or mature admission requirements.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.

NOTE: Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA, BPHE or BSc degree will lose a significant number of credit hours.

GRADUATION REQUIREMENTS	Minimum 150 credit hours in RRC transfer credits and UW credits which meet all degree requirements as outlined for the 5-year Bachelor of Education Degree. Students may receive up to 90 credit hours of RRC credits, and will normally be required to complete 60 credit hours at UW.
RESIDENCE REQUIREMENTS	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENTS	
Teachable Minor:	Minimum 18 credit hours
Professional/Support Courses:	Minimum 30 credit hours, which may include some required courses.
General Electives:	To bring total UW credits to 60 credit hours.

REQUIRED COURSES

Joint UW/RRC Vocational Teacher Education Program
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment*

Note: Students may choose to complete Senior Years Curriculum, Instruction & Assessment courses appropriate to their minor, or they may complete Senior Years Curriculum, Instruction & Assessment: General Methods. Students are advised that if they choose to register for the Senior Years Curriculum, Instruction & Assessment courses related to their minor, they will have to be available to take classes during the day, in the regular Fall/Winter academic year.
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- 6 credit hours of Professional or Support courses

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

- Students seeking the Secondary (9-12) Stream receive block credit of 60 ch for the RRC portion of their program and need to complete a minimum of 102 ch to meet the requirements for a BEd degree. Students may require more than 102 ch depending upon choice of teachable areas.

GRADUATION REQUIREMENTS	minimum 150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA/BPHE or BSc Joint UW/RRC Aboriginal Language Teacher Education Program.
RESIDENCE REQUIREMENTS	Minimum 84 credit hours in coursework taken at UW and RRC; minimum 48 credit hours at UW. BA/BPHE/BSc: minimum 30 credit hours. BEd: minimum 54 credit hours in coursework taken at UW and RRC; minimum 18 credit hours at UW which must include all practicum and, curriculum, instruction, and assessment courses. Teachable major: minimum 18 credit hours.

GENERAL DEGREE REQUIREMENTS

Major:	Minimum 30 credit hours in a teachable subject.
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses. This requirement is met by coursework completed in the Red River College portion of the program.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

REQUIRED COURSES
(Integrated Bed/BA/BPHE or BSc Degree)
Joint UW/RRC Aboriginal Language Stream Red River College courses:
-Completion of the Aboriginal Language Specialist Diploma at Red River College.

University of Winnipeg courses if completing Elementary (K-8) Stream (63 ch):
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2514(1) Learning Theory Practicum (WEC)*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)*
- EDUC 4835(1) – EDUC 4842(3) Early Years Curriculum, Instruction and Assessment: All Areas*
- EDUC 4843(1) – EDUC 4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas*
- 3 Credit hours of Inclusive Education II Courses
- Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC 4879(2.5)* and EDUC 4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

University of Winnipeg courses if completing Secondary (9-12) Stream (60 ch):
- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC-2511(3) Learning Theory* and EDUC-2512(1) Learning Theory Practicum*
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major* (UW teachable area)
- EDUC-4401(3) Just and Effective Schools
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4821(3) Middle Years Education
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum*
- 3 Credit hours of Inclusive Education II Courses
- 3 Credit hours to fulfill the Trends and Topics Requirement
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

NOTE: Requirements are subject to change.

GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all degree and diploma requirements.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the “Minimum Grade Points Required to Continue” see Academic Regulations and Policies.

NOTE: Also see “Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC),EDUC-2514(1) (WEC), EDUC-3810(6), EDUC-3811(2) and EDUC-3814(2) (WEC)” in the Faculty of Education General Information section for more information.

- Practicum Blocks EDUC-4872(2.5)*, EDUC-4875(2.5)*, EDUC 4879(2.5)* and EDUC 4882(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

University of Winnipeg courses if completing Senior Years (9-12) Stream (51 ch):

- EDUC-2410(3) The School System: Structure and Dynamics
- EDUC 3510(3) Inclusive Approaches to Teaching Exceptional Students (previously EDUC-2530(3))
- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4401(3) Just and Effective Schools
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Classroom Management
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative*
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum*
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor*
- 3 Credit hours of Inclusive Education II Courses
- 3 Credit hours to fulfill the Trends and Topics Requirement
- Practicum Blocks: EDUC-4873(2.5)*, EDUC-4877(2.5)*, EDUC-4880(2.5)* and EDUC-4883(2.5)*

* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.
NOTE: Requirements are subject to change.

GRADE POINT REQUIREMENTS
- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.
NOTE: Also see “Rules and Regulations Governing the After-Degree Program” in the Faculty of Education General Information section for more information.

REQUIREMENTS FOR POST-BACCALAUREATE DIPLOMA IN EDUCATION (PBDE)

ADMISSION REQUIREMENTS
To be considered for the University of Winnipeg PBDE, candidates must meet the following requirements:
- Have maintained a minimum GPA of 2.0 in all degree or after-degree programs.
- Hold a Bachelor of Education degree (or equivalent), or
- Hold a Bachelor’s degree in an area other than Education, plus a full two years of related experience in a school setting. (General Stream only)

PROGRAM REQUIREMENTS
The Post-Baccalaureate Diploma in Education at the University of Winnipeg is subject to the following requirements:
General Stream
- Students must complete 30 credit hours of course work to earn their PBDE.
- A minimum of 18 credit hours must be University of Winnipeg Education courses at the 5,000 level (which also fulfills the Residency Requirement).
- Although the entire Program might be comprised of Education courses, a maximum of 12 credit hours may be below the 5,000 level and taken from any Faculty. (Students, however, may not count courses at the 1,000 level or lower).
- A maximum of 12 credit hours may be taken from other post-se

This is an evolving list – new courses may be added as they are developed. Students are advised to consult the Faculty of Education website for updated information

Remember that all Education students require these compulsory courses and withdrawals from the courses or movement from one section to another is unlikely.
- Education students cannot register for sc

Prior Learning Assessment and Recognition (PLAR) and Faculty of Education Courses

a) Practicum Courses

In order for teaching experience to count for credit in our program it must meet all of the following conditions:

i. be in a setting arranged by our School Placement Office in accordance with their policies and operating guidelines.
ii. be completed under the supervision of a Cooperating Teacher
iii. be taken with the course work and assignments required for that level of practicum
iv. be evaluated by a Faculty Supervisor and meet the expectations required for that level of practicum

Since these conditions cannot be met without being a student in the Faculty of Education, credit cannot be granted for any teaching that took place prior to admission to the Faculty. Therefore, Prior Learning Assessment and Recognition (PLAR) credit is not available for practicum courses.

b) Teaching Methods Courses

The same type of conditions outlined in a) Practicum Courses, apply to seeking credit for teaching methods courses in the Faculty of Education as these courses are taken in conjunction with practicum. Prior Learning Assessment and Recognition (PLAR) credit is not available for methods courses associated with practicum. This includes:

EDUC-1801 or EDUC-1802 Education Today
EDUC-1810 Educational Leadership
EDUC-2511 Learning Theory
EDUC-3810 Teaching/Learning and the K-8 Curriculum
EDUC-4835 to EDUC-4842 Early Years Curriculum, Instruction and Assessment
EDUC-4843 to EDUC-4850 Middle Years Curriculum, Instruction and Assessment
EDUC-4852 to EDUC -4871 Senior Years Curriculum, Instruction and Assessment

c) Other Education Courses

Students wishing to seek credit for courses other than Curriculum, Instruction and Assessment courses and practicum are referred to the Course Calendar, Regulations and Policies, Section 6. Challenge for Credit - Assessing Prior Learning.

FACULTY OF EDUCATION RULES AND REGULATIONS

I. Performance in courses EDUC-1810(3) (or EDUC-2800(3)), EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC-2514(1) (WEC), EDUC-3810(6) EDUC-3811(2), and EDUC 3814(2)

a) Students who receive a grade less than "C" in courses EDUC-2511(3) Learning Theory, EDUC-2513(3) Learning Theory (RRC) or EDUC-3810(6) Teaching/Learning K-8 will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

b) Students who do not pass courses EDUC-1810(3) Service Learning, EDUC-2512(1) Learning Theory Practicum, EDUC-2514(1) Learning Theory Practicum (WEC), or EDUC-3811(2) Teaching/Learning K-8 Practicum or EDUC 3814(2) Teaching /Learning K-8 Practicum (WEC) will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

c) Students will not be allowed to register for the next compulsory education course and practicum until they have completed the previous compulsory education course and practicum.

d) If a student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.

e) If a student is placed on probation, suspension or not allo

c) The Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together. For students in the Early Years, Early/Middle Years and Middle Years streams this means that the following courses must be registered for concurrently:
EDUC-4835(1)-EDUC-4842(3) Early Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks I and II,
EDUC-4843(1)-EDUC-4850(3) Middle Years Curriculum, Instructi

g) After-Degree students who receive a grade less than C in EDUC-4002(6) Foundations of Teaching and Learning will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the BEd Program. Only one repeat of the course will be allowed. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or
2. The Committee may recommend that the student be allowed to continue on to the next year if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed.
2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.
3. That the student be withdrawn from the Faculty of Education.

i) In order to be eligible to enter year 2, students of the After-Degree Program must have completed all year 1 requirements. Students who do not complete years 1 and/or 2 in the allotted time will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or
2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students may not withdraw from some C, I & A courses while remaining in others.

k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of either year 1 or year 2 but not both. Students who do not successfully complete certification years 1 and 2 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty.

l) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

IV. Rules and Regulations Governing Certification in the Joint UW/RRC Program

a) Students must apply to enter the certification portion (Year 5) of the program. Generally this application must be received by mid-January for certification in September of that year. In order to be eligible to enter certification year 5 students must have completed 123 credit hours of the appropriate coursework for their program with an overall grade point average of 2.0 and an average of 2.0 in their major. The UW Arts or Science major must be completed before entering Year 5.

b) Students who have been accepted into certification year 5 and wh

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course, or
2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students must withdraw from certification year 5 if they are not able to complete both the Curriculum, Instruction and Assessment course and the practicum concurrently.

k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of year 5. Students who do not successfully complete certification year 5 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty of Education.

l) Certification students who are placed on probation, suspension or not allowed to continue status will be removed from the BEd Program. If the student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.

m) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

V. Rules and Regulations Governing Practicum Placements

A) Integrated Program and After Degree Program

1. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own placement. All student teaching placements will be guided by the following:
   a) students will have at least one placement in a school with inner-city characteristics
   b) students will experience a variety of grade levels and subject areas within their chosen stream as well as at least one placement within another stream
   c) students will be placed in more than one school division
   d) In order to avoid a conflict of interest or a perception of conflict of interest, whenever possible students will not be placed in schools where:
      - they are currently employed;
      - they have been employed in the past;
      - they have volunteered;
      - family members attend or are employed by the school.
2. Adjustments to the practicum dates or to the prescribed format of the practicum will not be considered. Student teaching must be completed in the manner it is scheduled (e.g. one day per week, five week block) and during the dates that are provided.
3. Students who are placed on probation, suspension or not allowed to continue status at the end of the Fall Term, will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
4. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.
5. Students who, after admission, show an inadequate command of spoken or written English which interferes with their ability to communicate effectively in a classroom will have to complete a proficiency test conducted by a University of Winnipeg designate. Students may be required to take further courses to improve their English which may result in withdrawal from the Faculty of Education. Continuation in the B.Ed. Program will be contingent upon approval from the Language Assessment Evaluators and the Director of Student Teaching.
6. Students seeking a French immersion placement in the certification portion of the program are advised that they will be tested on their French oral and written language proficiency. This testing will be administered by St. Boniface College and will take place in the spring prior to entering certification year 4.

B) Business, Industrial Arts and Aboriginal Language Teacher Education (Integrated and After Degree Programs)

1. Students in the Joint UW/RRC Business, Industrial Arts and Aboriginal Language Teacher Education programs are required to complete one block of student teaching in their Arts or Science major (Integrated Programs) or minor (After Degree programs).
2. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own school placement.
3. Students must be registered in the appropriate Senior Years Curriculum, Instruction and Assessment course when undertaking the practicum block.
4. Students may complete this block in either the Fall or Winter term.
5. Students are advised that if they have outstanding practicum requirements to complete at RRC, they will generally be required to complete the block in the Fall term.
6. Students must attend a "Start of School" experience, which takes place approximately the end of August. Students who do not participate in the Start of School experience will have their registration in the practicum block, as well as the associated Senior Years Curriculum, Instruction and Assessment course(s) cancelled.
7. Students are advised that the dates of their practicum block may fall outside of the regularly scheduled academic year.
8. Students will be required to spend two half days per week in their host school in the same term in which they will be completing their block. Students must ensure that they leave room in their timetable to accommodate this component of the practicum requirement.
9. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

C) Vocational Teacher Education

1. Students in the Joint UW/RRC Vocational Teacher Education program are required to complete one block of practicum in their Arts or Science minor.
2. Placements will be coordinated by the Student Teaching Office.
3. Students will take 6 credit hours of Senior Years Curriculum, Instruction and Assessment.
4. Students who are completing courses on a full time basis will register for Curriculum, Instruction and Assessment courses relevant to their minor, and must register for their practicum block concurrently.

5. Students who hold full-time teaching positions, and who are th

c) The student maintains positive interpersonal relationships with peers, faculty, school personnel and pupils by contributing,

of Education. In the case of academic Probation or Not Allowed to Continue Status, withdrawal is automatic and will take place without a review or further procedure.

2. As a result of a ruling by the Performance Review Committee (see Faculty of Education Program Rules and Regulations in the General Calendar for more information).
3. As a result of behaviour judged to be in violation of the Manitoba Teachers Society Code of Professional Practice or the Standards of Professional Conduct Tw [iolation re12(of-)2 T*a

EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum
EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)
EDUC-4000(3) Special Topics in Education
EDUC-4001(3) Independent Study
EDUC-4002(6) Foundations of Teaching and Learning
EDUC-4102(3) Introduction to Teaching English as an Additional language
EDUC-4400(3) Critical Pedagogy and Student Diversity
EDUC-4401(3) Just and Effective Schools
EDUC-4403(3) Education for Multicultural Settings
EDUC-4405(3) Inner-City Teaching Practices
EDUC-4407(3) Enrichment and Talent Development
EDUC-4408(3) Issues with At-Risk Children and Youth
EDUC-4409(3) Mentoring At-Risk Youth
EDUC-4410(3) Introduction to Aboriginal Education
EDUC-4412(3) Teaching and Supporting Youth from Immigrant and Refugee Backgrounds
EDUC-4600(3) Critical Literacy for Empowerment
EDUC-4601(3) Computer Assisted Multi-Media Learning
EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
EDUC-4700(3) The Adult Learner: An Introduction to Adult Education
EDUC-4701(3) Classroom Management
EDUC-4820(3) Early Years Education
EDUC-4821(3) Middle Years Education
EDUC-4835(1) Early Years Curriculum, Instruction and Assessment: Art
EDUC-4836(1) Early Years Curriculum, Instruction and Assessment: Drama
EDUC-4837(1) Early Years Curriculum, Instruction and Assessment: Physical Education/Health Education
EDUC-4838(3) Early Years Curriculum, Instruction and Assessment: Reading and the English Language Arts
EDUC-4839(3) Early Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4840(1) Early Years Curriculum, Instruction and Assessment: Music
EDUC-4841(3) Early Years Curriculum, Instruction and Assessment: Science
EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: Social Studies
EDUC-4843(1) Middle Years Curriculum, Instruction and Assessment: Art
EDUC-4844(1) Middle Years Curriculum, Instruction and Assessment: Drama
EDUC-4845(1) Middle Years Curriculum, Instruction and Assessment: Physical Education/Health Education
EDUC-4846(3) Middle Years Curriculum, Instruction and Assessment: Reading and the English Language Arts
EDUC-4847(3) Middle Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4848(1) Middle Years Curriculum, Instruction and Assessment: Music
EDUC-4849(3) Middle Years Curriculum, Instruction and Assessment: Science
EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment: Social Studies
EDUC-4852/5 Senior Years Curriculum, Instruction and Assessment: Alternative
EDUC-4853(3) Senior Years Curriculum, Instruction and Assessment: Biology
EDUC-4854(3) Senior Years Curriculum, Instruction and Assessment: Chemistry
EDUC-4855(6) Senior Years Curriculum, Instruction and Assessment: English
EDUC-4856(6) Senior Years Curriculum, Instruction and Assessment: French
EDUC-4857(3) Senior Years Curriculum, Instruction and Assessment: Geography
EDUC-4859(3) Senior Years Curriculum, Instruction and Assessment: Health
EDUC-4860(6) Senior Years Curriculum, Instruction and Assessment: History
EDUC-4861(6) Senior Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4863(3) Senior Years Curriculum, Instruction and Assessment: Kinesiology
EDUC-4864(3) Senior Years Curriculum, Instruction and Assessment: Physics
EDUC-4865(3) Senior Years Curriculum, Instruction and Assessment: Theatre & Drama
EDUC-4866(3) Senior Years (9-12) Curriculum, Instruction and Assessment: History and Philosophy of Science and Science Teaching
EDUC-4867(3) Senior Years Curriculum, Instruction and Assessment: Performance Production
EDUC-4868(3) Curriculum, Instruction and Assessment: Principles of Learning French as a Second Language
EDUC-4869(3) Senior Years (9-12) Curriculum, Instruction and Assessment: Theory of Science Teaching
EDUC-4870(3) Senior Years (9-12) Curriculum, Instruction and Assessment: Literacy Across the Curriculum
EDUC-4871(6) Senior Years Curriculum Instruction and Assessment: Curriculum Design
EDUC-4872(2.5) Practicum Block I - Early Years
EDUC-4873(2.5) Practicum Block I - Middle Years
EDUC-4874(2.5) Practicum Block I - Senior Years
EDUC-4875(2.5) Practicum Block II - Early Years
EDUC-4876(2.5) Practicum Block II - Middle Years
EDUC-4877(2.5) Practicum Block II - Senior Years
EDUC-4878(2.5) Practicum Block III - Early Years
EDUC-4879(2.5) Practicum Block III - Middle Years
EDUC-4880(2.5) Practicum Block III - Senior Years
EDUC-4881(2.5) Practicum Block IV - Early Years
EDUC-4882(2.5) Practicum Block IV - Middle Years
EDUC-4883(2.5) Practicum Block IV - Senior Years
EDUC-4884(3) Practicum Block - Red River College
EDUC-4887(2.5) Supplemental Practicum
EDUC-4890(3) Senior Years Curriculum, Instruction And Assessment: General Methods
EDUC-4891(3) Practicum Block - Vocational Education
EDUC-5001(3) Special Topics in Education
EDUC-5401(3) Creative Problem Solving
EDUC-5402(3) Expanding Gifted Education
EDUC-5403(3) Meeting the Needs of FAS/FAE Students
EDUC-5404(3) Reaching the ADHD Child
EDUC-5405(3) Reclaiming Troubled Children and Youth
EDUC-5406(3) Steps to Achieving Real-life Skills
EDUC-5407(3) Teaching At-Risk Readers
EDUC-5408(3) Teaching At-Risk Students in the Inner-City School
EDUC-5410(3) Understanding and Responding to Learning Disabilities

Area	Stream(s) Applicable to	Arts, Kinesiology or Science Major	Teachable Major	Teachable Minor	Comments
Business and Administration	All	Yes	No	No	See Note at end of table
Business Education	SY only	No	Yes	No	UW/RRC Program only
Chemistry	All	Yes	Yes	Yes	
Classics	All	Yes	No	Yes	
Communications	All	Yes	Yes (English)	Yes (English)	
Conflict Resolution Studies	All	Yes	No	No	See Note at end of table
Criminal Justice	All	Yes	No	No	See Note at end of table
Dance	EY E/MY MY	Yes	No	Yes	
Developmental Studies	EY E/MY MY	Yes	No	Yes	
Economics	All	Yes	No	Yes	
English	All	Yes	Yes	Yes	
Environmental Studies/Urban and Inner-City Studies	All	Yes	No	No	See Note at end of table
French	All	Yes	Yes	Yes	
Geography	All	Yes	Yes	Yes	
German	EY E/MY MY	Yes	Yes	Yes	
History	All	Yes	Yes	Yes	
Human Ecology	EY E/MY MY	Yes (See Comment)	(		

Area	Stream(s) Applicable to	Arts, Kinesiology or Science Major	Teachable Major	Teachable Minor	Comments
Music	EY E/MY MY	No	Yes	Yes	Available to After Degree students only who have completed degree elsewhere with music as a major
Philosophy	All	Yes	No	Yes	
Physics	All	Yes	Yes	Yes	
Politics	All	Yes	No	Yes	

ENGLISH (ENGL)

Updated January 19, 2017

Chair: Associate Professor B.Christopher, Professors Emeriti: P. Nodelman, E.E. Reimer, D. Schnitzer, M.G. Wanamaker; Professors: N. Besner, C. Hunter, Z. Izydorczyk, K. Malcolm, M. Reimer; Associate Professors: A. Burke, B. Christopher, P. DePasquale, P. Melville, H. Milne; K. Ready, C. Rifkind, H. Snell, M. Sweatman, C. Tosenberger, A. Turner, K. Venema, D. Wolf, J. Wills; Assistant Professors: B. Cornellier, N. Hamer

DEGREES/PROGRAMS OFFERED

3-Year BA in English
4-Year BA in English
4-Year BA in English: Creative Writing
4-Year BA in English: Young People's Texts and Cultures
4-Year BA in English: Screen and Cultural Studies
Honours BA in English
Minor in English
MA in Cultural Studies: Texts and Cultures (Please see the Graduate Studies Academic Calendar.)

INTRODUCTION

English courses are designed to develop students' confidence and ability to read and write effectively. The courses introduce students to various aesthetic, cultural, and historical factors, which influence what they read and write. Faculty members present their discipline in a manner consistent with academic freedom and an awareness of students' experiences.

Through a 3-Year BA, 4-Year BA, or Honours BA, students may choose courses covering a variety of texts from several perspectives, including the literature of different periods and genres, and the function and history of language. Some English courses are prescribed or recognized as pre-professional or professional courses, and all courses are useful to professional careers. The study of English also helps students develop competence in using language. Students with English degrees often go into such fields as journalism, business, public service, editing and publishing, law, medicine, and theology, or enter graduate school in literary or related studies to prepare for an academic career in teaching and scholarship.

The Department of English also participates in the Minor in Interdepartmental Comparative Literature. For eligible courses, please see Comparative Literature in this Calendar.

Note: The department/program code ENGL replaces the former code 17. Students cannot hold credit in ENGL-xxxx and the former 17.xxxx having the same course number (e.g., ENGL-1000(3) and 17.1000(3)).

REQUIREMENTS FOR A 3-YEAR BA IN ENGLISH

ADMISSION REQUIREMENT	Students must consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing

REQUIREMENTS FOR A 4-YEAR BA IN ENGLISH

THFM-2701(6) Playwriting I*
THFM-3611(6) Advanced Screenwriting*
THFM-3701(6) Playwriting II: General*

*Note that a maximum of 9 credit hours in Theatre and Film can count toward the minimum 48 credit hours in the Major subject. Also note that Theatre and Film courses have their own prerequisites and regulations.

A minimum 6 credit hours of study in Canadian and/or Indigenous literatures and cultures. See the English Department website or consult an English department advisor for a list of eligible courses in any given year.

A minimum of 18 additional credit hours of study in English courses other than Creative Writing. To write well, you must be well-read.

Students must consult with an English Department advisor for Creative Writing in planning their program of study and completing the required forms at each registration.

2. Young People's Texts and Cultures: All students are welcome to take courses in this area, whether they choose the specialization or not. Students who complete the following course of study for the 4-Year BA will have their specialization in Young People's Texts and Cultures noted on their transcript.

Description
The Young People's Texts and Cultures specialization allows students to focus on texts by, for, and about young people. While maintaining an interest in literary history, form, genre, and the place of literature among the other arts, Young People's Texts and Cultures also introduces students to the study of other texts such as toys, games, picture books, graphic narratives, digital media, films and performances.

Required Courses
Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.
In addition, students pursuing a specialization in Young People's Texts and Cultures must complete the following:

Core Course
ENGL-2003(6) The Field of Children's Literature OR ENGL-2004(6) A History of Children's Literature

12 credit hours of study in additional courses in Young People's Texts and Cultures, chosen from the following list:
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales and Culture
ENGL-3115(3) Writing for Children
ENGL-3117(3) Poetry for Young People
ENGL-3118(3) Topics in Fiction for Young People
ENGL-3119(3) Canadian Children's Literature and Culture
ENGL-3160(3) Topics in Young People's Cultural and Literary Texts
ENGL-3169(3) Films for Young People

Capstone course (normally taken in the final year of the program)
ENGL-3120(6) Practicum in Literature, Literacy and Language (related to young people's texts and cultures) OR
ENGL-4160(3) Advanced Studies in Young People's Cultural and Literary Texts

A minimum of 18 additional credit hours of study in English courses other than courses in Young People's Texts and Cultures.

Students must consult with an English Department advisor for Young People's Texts and Cultures in planning their program of study and completing the required forms at each registration.

3. Screen and Cultural Studies: All students are welcome to take courses in this area, whether they choose the specialization or not. Students who complete the following course of study for the 4-Year BA will have their specialization in Screen and Cultural Studies noted on their transcript.

Description

ENGL-2180(6) Popular Literature and Film
ENGL-3169(3) Films for Young People
ENGL-3190(6) Literature and Film
ENGL-4741(3/6) Topics in Screen and Cultural Studies

A minimum of 18 additional credit hours in English courses other than courses in Screen and Cultural Studies.

Additional recommended courses:
ENGL-3151(6) Critical Theory: An Introduction OR ENGL-4110(6) Critical Theory
THFM-2610(3) Script and Screen*
THFM-2612(3) Script and the Small Screen*
*Note that a maximum of 9 credit hours in Theatre and Film can count toward the minimum 48 credit hours in the Major subject. Also note that Theatre and Film courses have their own prerequisites and regulations.

Students must consult with an English Department advisor for Screen and Cultural Studies in planning their program of study and completing the required forms at each registration.

REQUIREMENTS FOR AN HONOURS BA IN ENGLISH

Honours courses are designed to allow for more intensive student participation in the study of a wide range of subjects, including critical theory, women's writing, national literatures, historical periods, and indiP 25.60duriost h25.6010.684D .0005 Tc150521 Tw1[(have heirss w f)-7(-

Distribution Requirements: Single and Double Honours

In addition to the regular degree requirements, Single Honours students are required to include courses in different areas to ensure that a full spectrum of study has been achieved: Canadian and Indigenous Content , Study in a Second Language , Critical Theory , and Historical Area Courses (List A and List B). Double Honours students must consult with the English Department Honours Chair or designate in planning their program to ensure that it reasonably approximates the Single Honours Distribution Requirements. Students who find it impossible to complete their distribution requirements in a given year should discuss their program with the Honours Chair or designate.

1. Canadian and Indigenous Content must be included in at least 6 credit hours. Suggested options: ENGL-3119(3) Canadian Children's Literature and Culture, ENGL-3710(6) Canadian Literature and Culture to 1914, ENGL-3715 (3/6) Diasporic Literatures and Cultures in Canada, ENGL-3716(6) Canadian Literature and Culture after 1914, ENGL-3717(3/6) Indigenous Literatures and Cultures, ENGL-3719(3) Literature of Manitoba, ENGL-3723(3/6) Topics in Indigenous Texts and Cultures, ENGL-4710 (3/6) Topics in Canadian Literature, ENGL-4717(3/6) Topics in Indigenous Literary and Cultural Studies.

For the following Creative Writing courses, 6 credit hours at the 1000-level, including either ENGL-1000(3) OR ENGL-1001(6) and the Instructor's permission must be obtained:

ENGL-3101(6) Creative Writing Comprehensive
ENGL-3102(1) Creative Writing Field Research
ENGL-3112(6) Advanced Creative Writing
ENGL-3113(3) Writing Short Fiction
ENGL-3114(3) Writing Poems
ENGL-3116(3) Topics in Creative Writing

For ENGL-2142(6) Field of Literary and Textual Studies, permission of the Honours Chair or designate is required.

ENGL-1000(3) English 1A
ENGL-1001(6) English 1
ENGL-1003(3) Introduction to English: Topics in Literature
ENGL-1004(3) Introduction to English: Reading Culture
ENGL-1005(3) Introduction to English: Reading to Write

UPPER-LEVEL COURSES

ENGL-2002(3) The Creative Process
ENGL-2003(6) The Field of Children's Literature
ENGL-2004(6) A History of Children's Literature
ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio
ENGL-2113(6) Picture Books for Children
ENGL-2114(6) Fairy Tales, Fantasy, and Culture
ENGL-2142(6) Field of Literary and Textual Studies
ENGL-2145(6) Field of Cultural Studies
ENGL-2146(6) Screen Studies
ENGL-2180(6) Popular Literature and Film
ENGL-2185(3) Literary Communities
ENGL-2202(3) Literature of the Sixteenth Century
ENGL-2203(3) Literature of the Seventeenth Century
ENGL-2220(3) English Literatures and Cultures 700-1660
ENGL-2221(6) The Age of Chaucer
ENGL-2230(3) British Literatures and Cultures 1660-1901
ENGL-2311(6) Shakespeare

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ENVIRONMENTAL STUDIES AND SCIENCES (ENV)

Updated January 30, 2017

Note: The department/program code ENV replaces the former code 84. Students cannot hold credit in ENV-xxxx and the former 84.xxxx having the same course number (e.g., ENV-1600(3) and 84.1600(3)).

Department Faculty- Chair: R. Westwood;

Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours

Suggested electives (minimum 3 credit hours):

BIOL-4411(3)	Water Quality and Health*
BIOL-4475(3)	Urban Forestry*
CHEM-3601(3)	Environmental Chemistry*
ECON-3303(3)	Economics of Public Expenditures*
ECON-3315(3)	Urban Economics*
ENV-2416 /GEOG/WGS(3)	Sex, Gender, Space and Place
ENV/SOC-2502(3)	Sociology of the Environment
ENV/IDS-2521(3)	Voluntary Simplicity
ENV-3606(3)	Business and the Environment
ENV-4611(6)	Environmental Impact Assessment
ENV-4614(3)	Critical Environmental Issues
GEOG-2411(3)	Geography of Globalization*
GEOG-2431(3)	Population Geography*
GEOG-3402(3)	Urbanization in the Developing World
GEOG-3413(3)	Urban Revitalization
GEOG-3480(3)	Water Resources
GEOG-4403(3)	Urban Land Use - Developmental Processes
GEOG-4404(3)	Field Research in Urban Geography
HIST-3544(6)	The History of Winnipeg
HIST-4550(6)	Advanced Studies in the History of Canadian Regions and Communities
IDS-2110(3)	Participatory Local Development*
POL-2300(6)	Public Administration
POL-2500(3)	City Politics
POL-2505(3)	Issues in City Politics
POL-3500(6)	Globalization and City Politics
POL-4505(6)	Politics of Urban Planning
POL-4520(3)	Theories of Urban Poverty
REL-2505(3)	Religious Interpretations of the City
SOC-2120(3)	Sociology of Communities*
SOC-3113(6)	Sociology of Cities and Urban Life*
UIC-2001(3)	Community Development
UIC-3020(3)	Women in the Inner Cities

* courses with prerequisites that are not required courses in the major

REQUIREMENTS FOR A 4-YEAR BA

ADMISSION REQUIREMENT	Students must meet prerequisites where required.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours

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PHIL-2233(3)	Environmental Ethics
POL-2300(6)	Public Administration
POL-2505(3)	Issues in City Politics
POL-4520(3)	Theories of Urban Poverty
one of:	
BIOL-1106(3)	Environmental Biology
CHEM-2801(3)	Chemistry and Society

one of:	
ECON-3305(3)	Economic Development*
ECON-3306(3)	International Aspects of Economic Development*
IDS-2110(3)	Participatory Local Development*
IDS-3111(3)	An Analysis of Development Aid Policies*

18 credit hours from among:

CRS-1200(6)	Introduction to Conflict Resolution studies
ECON-2311(3)	Economics of Natural Resource Extraction
ECON-2318(3)	Energy Economics
ECON-3302(3)	International Finance
ECON-3303(3)	Economics of Public Expenditures
ECON-3315(3)	Urban Economics*
ENV/SOC-2502(3)	Sociology of the Environment
ENV-2604(3)	Environment and Health

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REQUIREMENTS FOR AN HONOURS BA

ADMISSION REQUIREMENT	Students must consult with the Department Advisor in planning their studies.
GRADUATION REQUIREMENT	120 credit hours
Graduation G.P.A. Requirement	To graduate with a BA Honours, students must have completed the course requirements for a BA in Environmental Studies with a minimum GPA of 3.0 on all Environmental Studies and Sciences courses, which will be calculated on all course attempts in the major. Students must also have a minimum 2.75 GPA on all non-major courses, which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1102 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended. The Department recommends that students take RHET-1102 early in their first year of studies as most courses in DESS programs include multiple writing assignments.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
4000-level Courses:	Minimum 3.0 GPA (B) in major courses or permission of the department (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).

Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours

BIOL-3801(3)	General Entomology*
BIOL-4116(3)	Biology Honours Thesis
ENV-4613(3)	Directed Studies in Environmental Studies and Sciences
ENV 4614 (3)	Critical Environmental issues
ENV-4615(3)	Environmental Soil Science
GEOG-2207(3)	Climatology
GEOG-2316(3)	Remote Sensing
GEOG-2414(3)	The Urban Environment*
GEOG-3210(3)	Hydrology
GEOG-3215(3)	

REQUIREMENTS FOR AN HONOURS BSC

ADMISSION REQUIREMENT	Students must consult with the Department Advisor in planning their studies.
GRADUATION REQUIREMENT	120 credit hours
Graduation G.P.A. Requirement	To graduate with a BSc Honours, students must have completed the course requirements for a BSc in Environmental Science with a minimum GPA of 3.0 on all Environmental Studies and Sciences courses, which will be calculated on all course attempts in the major. Students must also have a minimum 2.75 GPA on all non-major courses, which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1103 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended. The Department recommends that students take RHET-1103 early in their first year of studies as most courses in DESS program s include multiple writing assignments.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
4000-level Courses:	Minimum 3.0 GPA (B) in major courses or permission of the department (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
HONOURS REQUIREMENT	
Single Honours:	Minimum requirements for a BSc degree in Environmental Science in any of the following streams: Forest Ecology, Forest Policy and Management, Global Environment Systems and Chemistry. Note: GEOG-2309(3) Statistical Techniques in Environmental Analysis must be chosen for the statistics requirement. Minimum 30 credit hours in upper-level (3000 and 4000) courses of which a minimum of 12 credit hours must be at the 4000 level. Additional Required Course: ENV-4701(6) Honours Environmental Studies and Sciences Thesis

THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 5-YEAR JOINT PROGRAM IN APPL IED ENVIRONMENTAL SCIENCE - REQUIREMENTS

This is a joint degree program whereby students are required to take courses at both The University of Winnipeg and Red River College in a recommended sequence. The program has been specific

The Red River College courses require a laptop computer and this cost will be reflected in the tuition fee.

ADMISSION REQUIREMENT	Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Applied Environmental Science must be completed through the Admissions Office of The University of Winnipeg by March 1st of each year in order to enter the program in September of the same year.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RH-1103 Academic Writing: Links with the Disciplines, Environmental Studies, is recommended. Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. The Department recommends that students take RHET-1103 early in their first year of studies as most courses in DESS program s include multiple writing assignments.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT:	

Year 1 - University of Winnipeg

BIOL-1115(3)	Cells and Cellular Processes
BIOL-1116(3)	Evolution, Ecology and Biodiversity
CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity
ECON-1104(3)	Introduction to Economic Theory
ENV-1600(3)	Human-Environmental Interaction
GEOG-1201(3)	Introductory Atmospheric Science
GEOG-1202(3)	Introductory Earth Science

Academic Writing Requirement

3 credit hours Humanities

Year 2 - University of Winnipeg

BIOL-2403(3)	Principles of Ecology
CHEM-2302(3)	Quantitative Chemical Analysis
CHEM-3302(3)	Methods of Chemical Analysis
ECON-2317(3)	Environmental Economics
ENV-2603(3)	Environmental Sustainability: A Global Dilemma
ENV-3035(3)	Law and the Environment
PHIL-2233(3)	Environmental Ethics

3 credit hours Humanities

3 credit hours from among:

GEOG-2309(3)	Statistical Techniques in Environmental Analysis
STAT-1301(3)	Statistical Analysis 1
STAT-1501(3)	Elementary Biological Statistics I

3 credit hours from among:

BIOL-3492(3)	Quantitative and Theoretical Biology
CHEM-2701(3)	Introduction to Computers in Chemistry
ACS-1453(3)	Introduction to Computers

Year 3 - Red River College

CIVC-1044	Project Administration
CIVL-2001	Calculus and Statistics
CIVL-2006	Geo-Environmental Fundamentals
CIVL-2009	Fundamentals of GIS
CIVL-2012	Environmental Analysis
CIVL-2020	Environmental Science
CIVL-2031	Chemistry 2
CIVL-2032	Health and Safety
CIVW-2008	Co-op Work Placement

Year 4 - Red River College

CIVL-2007	Environmental Management
CIVL-3005	Applied Research Project
CIVL-3007	Waste Management
CIVL-3008	Water and Waste Water
CIVL-3011	Remote Sensing and Digital Photo
CIVL-3016	Hydrology
CIVL-3046	Economic Management

Year 5 - University of Winnipeg

ENV-3609(3)	Research Methods and Design
ENV-3610(3)	Research Projects
ENV-4611(6)	Environmental Impact Assessment

3 credit hours Humanities

15 credit hours from among:

BIOL-2902(3)	Biology of Bacteria and Archaea (formerly “Biology of the Prokaryotes and Viruses”)
BIOL-3410(3)	Freshwater Ecology
BIOL-3471(3)	Forest Ecology
BIOL/ENV-3476(3)	Forest Policy and Management
BIOL-3901(3)	Microorganisms and Disease
BIOL-3902(3)	Microbial Ecology
BIOL-4411(3)	Water Quality and Health
BIOL-4471(3)	Ecological Methodology
CHEM-3601(3)	Environmental Chemistry
ENV-3607(3)	Forests and the Environment
ENV-4614(3)	Critical Environmental Issues
ENV 4615(3)	Environmental Soil Science
GEOG-2213(3)	Introductory Soil Science
GEOG-2214(3)	Soil-Vegetation Systems
GEOG-2414(3)	The Urban Environment
GEOG-3408(3)	Water Resources

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the “Academic Calendar” section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

evolution of French-Canadian literatures, explore
vocabulary and syntax, and understand the way

French Studies participates in the Interde

REQUIREMENTS FOR AN HONOURS BA IN FRENCH STUDIES

ADMISSION REQUIREMENT

Students must consult the Departmental Honours advisor or Chair in planning their course of study.
Entry into the program after completing a minimum of 30 credit hours, including FREN-1004(3) or FREN-2105(3).
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
Minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
Minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000-level.

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours. Minimum 9 credit hours in literature and 3 credit hours in language/linguistics (3000 or higher). Minimum 30 credit hours at upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000-level.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 6 credit hours in literature and 3 credit hours in language/linguistics (3000 or higher). Minimum 24 credit hours at the upper level (3000 and 4000) in the French Studies component of the double Honours of which a minimum of 15 credit hours must be at the 4000-level. For the requirements of the other Honours subject consult the department involved.

Students must consult the Departmental Honours advisor or Chair to determine whether they fulfil the general Honours requirements.
Students must complete the Honours application form and append to it their most recent student history.
Students will establish their program in consultation with the Department Chair.
Qualified students are required to take the Department's 4000-level seminar, offered annually and in rotation.

Restrictions:	FREN-1100(3) may not be used towards the major or the teachable major in the Education program.

REQUIREMENTS FOR A MINOR IN FRENCH STUDIES

Degree:	Students completing any degree program are eligible to complete the Minor.
Minor:	18 credit hours in the Minor subject, with a minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	FREN-2110(3) Composition and Grammar and 3 credit hours in another 2000-level course. Minimum 3 credit hours at 3000 level
Restrictions:	Students cannot declare the same subject as a Major and a Minor. FREN-1100(3) may not be used towards the minor or the teachable minor in the Education program.

GENERAL INFORMATION

Oral Proficiency Requirement

A satisfactory level of oral proficiency is required for completion of the French Studies Major. The Department provides facilities to give students practice in oral French. The degree of proficiency they attain in speaking depends largely on their own efforts. Students are able to improve their oral competence through Continuing Education or programs like Explore, sponsored by the Federal government.

French Studies courses may include an oral component, either language laboratory or conversation with native French speakers or both.

Students may be required to take an oral test at the end of the Fall and Winter terms.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses. Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses.
Permission of the French Studies advisor, the course instructor, or the Department Chair is required for each 4000-level course.

Reference Books

Students are strongly advised to have the following reference books: a reputable French or bilingual dictionary such as Le Petit Robert (a recent edition) or the Collins Robert French-English English-French Dictionary and a French reference grammar such as Grammaire pratique (Hachette), A. Hamon.

COURSE LISTINGS

Note: All students registering for their first French Studies course must take the online Placement Test.
Note: The following course does not meet the Humanities requirement: FREN-3204(3).
Note: FREN-1100(3) Elementary French 1, FREN-1102(3) Elementary French 2, and FREN-1103(3) Elementary French 3 are given in French as much as possible. All other courses are given entirely in French.

First Year Courses

FREN-1100(3) Elementary French 1
Note: This course may not be used towards fulfilling the French Studies major requirement.
FREN-1102(3) Elementary French 2
FREN-1103(3) Elementary French 3
Note: FREN-1100(3), FREN-1102(3), and FREN-1103(3) are given as much as possible in French, in order that students may learn to understand spoken French. However, some discussions and explanations may be in English.
FREN-1104(3) Intermediate French 1

Language And Linguistics Courses

Note: Not all of these courses will be offered in any given term. Please consult the Timetable. All students registering for their first French Studies course must consult a

GEOGRAPHY (GEOG)

Updated March 28, 2017

Note: The department/program code GEOG replaces the former code 23. Students cannot hold credit in GEOG-xxxx and the former 23.xxxx having the same course number (e.g., GEOG-1102(3) and 23.1102(3)).

Chair: Associate Professor Marc Vachon; Professors: D. Blair, B. Buhay, E. Cloutis; Associate Professors: J. Binyamin, J. Distasio, P. Fitzpatrick, I. Mauro, C. Storie, J. Storie; Assistant Professors: N. Casson, M. Dyce, G. Sylvestre; Instructors: B.R. McGregor, M. Krawetz; Cartographer: W. Hiebert; Lab Technician: K. Monson; Map Librarian: B. Russell; Department Assistant: Tania N. Guevara Sandoval; Adjunct Professor: L. Fishback.

Physical Geography/Geomatics Requirement (24 credit hours)
GEOG-2304(3) Computer Mapping or GEOG-2309(3) Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis

12 credit hours from among:
- GEOG-2207(3) Climatology
- GEOG-2210(3) Meteorology
- GEOG-2213(3) Introductory Soil Science
- GEOG-2214(3) Soil-Vegetation Systems
- GEOG-2215(3) Mineralogy and Petrology
- GEOG-2216(3) Physical Geology
- GEOG-2218(3) Fluvial and Hillslope Processes
- GEOG-2219(3) Glacial and Periglacial Processes
- GEOG-3210(3) Hydrology

Minimum 9 additional credit hours from the Physical Geography or Geomatics groups (i.e., where the second digit of the course number is a 2 or 3)

External Science Requirement (18 credit hours)
Minimum of 18 credit hours selected from at least two (2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics.

The following courses do not qualify:

ACS-1453(3)	Introduction to Computers
ACS-1803(3)	Introduction to Computer-based Systems
BIOL-1102(6)	Biology and Human Concerns
BIOL-1103(6)	Human Biology
BIOL-1005(6)	Concepts in Science
BIOL-1106(3)	Environmental Biology
CHEM-0100(3)	Foundations of Chemistry
CHEM-1801(3)	Headline Chemistry
CHEM-2801(3)	Chemistry and Society
MATH/PHIL-2305(3)	Philosophy and Mathematics
MATH-2901(3)	History of Calculus
MATH-2902(3)	Mathematics Prior to 1640
MATH-2903(3)	Mathematics for Early/Middle Years Teachers I
MULT-1005(6)	Concepts in Science
PHYS- 1005(6)	Concepts in Science
PHYS-1501(6)	Modern Technology
PHYS-1701(6)	Astronomy
PHYS-2705(6)	Cosmology: Science Fact to Science Fiction
PHYS-2812(3)	The Physics of Music

Combined Major: Minimum 48 credit hours from 2 different Majors with not less than 18 credit hours from each major subject

Prescribed Courses:
- GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
- GEOG-1103(3) Introductory Human Geography: Population, Place and Development
- GEOG-1201(3) Introductory Atmospheric Science
- GEOG-1202(3) Introductory Earth Science
- GEOG-3509(3) Canada's Physical and Human Environments

3 additional credit hours from the Physical Geography Group

REQUIREMENTS FOR THE 3-YEAR BSc IN GEOGRAPHY WITH A BUSINESS STREAM

Students must complete the requirements of the 3-year BSc in Geography degree (see previous section) and the set of core courses indicated in the "Science with a Business Stream" section of the Calendar.

REQUIREMENTS FOR A 4-YEAR BA IN GEOGRAPHY

ADMISSION REQUIREMENT

Regional Geography Requirement (6 credit hours)
GEOG-3509(3) Canada's Physical and Human Environments

Three (3) credit hours from among the following:
GEOG-2503(3) Manitoba's Physical and Human Environments
GEOG-3216(3) Arctic Environments
GEOG-3508(3) Geographical Issues in the Developing World
GEOG-3510(3) Prairie Landscapes
GEOG-3511(3) Topical Regions in Geography
GEOG-3512(3) The Human Geography of Northern Canada (fulfils the Indigenous Requirement)

Systematic Human Geography Requirement (6 credit hours)
Minimum of 6 credit hours in Human Geography

Geomatics Requirement (12 credit hours)
GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2309(3) Statistical Techniques in Environmental Analysis Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
GEOG-3330(3) Research Methods in Geography

Thesis Requirement (6 credit hours)
GEOG-4901(6) Honours Geography Thesis - 6 credit hours with a prerequisite of GEOG-3330(3) (Research Methods in Geography), 36 credit hours completed in Geography, and a Geography GPA of 3.0.

Other Requirements
Students must complete 54 credit hours in Geography for the major.
Minimum 21 credit hours in upper level (3000 and 4000) Honours subject courses of which a minimum of 15 credit hours (including the thesis) must be at the 4000 level.
Average of 2.5 GPA in non-Geography courses and 3.00 GPA on all attempts in Geography courses (exit requirement).

REQUIREMENTS FOR AN HONOURS BSc IN GEOGRAPHY

ADMISSION REQUIREMENT
Students must have completed a minimum of 30 credit hours to qualify for entry into the Honours program.
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.75 in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.75 GPA in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	Minimum 120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 63 credit hours/Maximum 78 credit hours Minimum 30 credit hours in upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000 level (including Thesis).
Double Honours:	Students must satisfy the requirements for both the Honours BSc in Geography and the requirements for the Honours BSc in the second Honours department, in consultation with the Geography Department Chair.

Required Courses
Common Geography Requirement (12 credit hours)
GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
GEOG-1103(3) Introductory Human Geography: Population, Place and Development
GEOG-1201(3) Introductory Atmospheric Science
GEOG-1202(3) Introductory Earth Science

Regional Geography Requirement (3 credit hours)
GEOG-3509(3) Canada's Physical and Human Environments

Physical Geography/Geomatics Requirements (45 credit hours)

GEOG-2304(3) Computer Mapping
GEOG-2306(3) Introduction to Geographic Information Systems
GEOG-2309(3) Statistical Techniques in Environmental Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
GEOG-2316(3) Remote Sensing
GEOG-3330(3) Research Methods in Geography

12 credit hours from the following:

GEOG-2207(3) Climatology
GEOG-2210(3) Meteorology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-2215(3) Mineralogy and Petrology
GEOG-2216(3) Physical Geology
GEOG-2218(3) Fluvial and Hillslope Processes
GEOG-2219(3) Glacial and Periglacial Processes
GEOG-3210(3) Hydrology

Minimum of 15 additional credit hours of upper level (3000 and 4000) Physical Geography or Geomatics courses (excluding Thesis) with a minimum of 9 credit hours at the 4000 level (excluding Thesis).

Thesis Requirement (6 credit hours)

GEOG-4901(6) Honours Geography Thesis - 6 credit hours with a prerequisite of GEOG-3330 (3) (Research Methods in Mine7(eseap7(eseaa) levts (455 aBi)-6.8(y 12.5(s)4(,))]TJApplilde(r)7.5ncey 1is mcalr2(l)-1.5(s)4(,)

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BA (JOINT PROGR AM IN GEOGRAPHY / GEOGRAPHIC INFORMATION SYSTEMS)

INTRODUCTION

This is a joint program of study whereby students are required to take courses at both The University of Winnipeg and Red River College. The program is intended to integrate a 4-year University of Winnipeg BA in Geography with the 1-year Red River College Advanced Diploma in Geographic Information Systems, effectively compressing five years of study into four years. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary.

Students are normally enrolled at The University of Winnipeg in years one, two, and four, and at Red River College for year three. Students who successfully complete the entire program will receive a 4-Year BA Degree from The University of Winnipeg and an Advanced Diploma from Red River College.

Students are required to complete a minimum of 51 credit hours of study at the University of Winnipeg before starting the Diploma program at Red River College. Student may apply during their second year provided the hours requirement will be met before starting at Red River College. It is recommended that students complete 60 credit hours within their first two years to ensure a smooth transition back to the University of Winnipeg.

Please consult the Chair of the Department of Geography for assistance with degree planning. For information concerning the Red River College component of the program contact Roger Hamelin at 632-2983 or rhamelin@rrc.mb.ca.

ADMISSION REQUIREMENT	Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Geography/Geographic Information Systems must be completed through the Admissions Office of The University of Winnipeg by March 1st in order to enter the program in September.
GRADUATION REQUIREMENT	120 credit hours, that is, 90 credit hours meeting the requirements for the BA General plus 30 additional credit hours.

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Social Science:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum of three (3) credit hours from each of five (5) different subjects
4000-level Courses:	Minimum of six (6) credit hours

MAJOR REQUIREMENT FOR THIS JOINT PROGRAM

Single Major:	Minimum 57 credit hours/Maximum 66 credit hours

UNIVERSITY OF WINNIPEG COURSES

REQUIRED CORE COURSES (30 credit hours):

- GEOG-1102(3) Introductory Human Geography: People, Culture and Environment
- GEOG-1103(3) Introductory Human Geography: Population, Place and Development
- GEOG-1201(3) Introductory Atmospheric Science
- GEOG-1202(3) Introductory Earth Science
- GEOG-2304(3) Computer Mapping
- GEOG-2306(3) Introduction to Geographic Information Systems (should be taken before entering RRC Diploma program)
- GEOG-2309(3) Statistical Techniques in Environmental Analysis or STAT-1301(3) Statistical Analysis or the former STAT-1201(6) Introduction to Statistical Analysis
- GEOG-2316(3) Remote Sensing (should be taken before entering RRC Diploma program)
- GEOG-3306(3) Advanced Geographic Information Systems or GEOG-3319(3) Advanced Remote Sensing (should be taken after RRC Diploma Program)
- GEOG-3330(3) Research Methods in Geography

OTHER REQUIREMENTS FOR THE 4-YR BA JOINT UW/RRC PROGRAM IN GEOGRAPHY/GIS (27 credit hours):

GROUP A COURSES: Select nine (9) credit hours from this group:

GEOG-2216(3) Physical Geology
GEOG-2213(3) Introductory Soil Science
GEOG-2214(3) Soil-Vegetation Systems
GEOG-3210(3) Hydrology
GEOG-3215(3) Biogeography

GROUP B COURSES: Select six (6) credit hours from this group:
GEOG-2204(3) Human Impact on the Environment
GEOG-2401(3) Agricultural Geography
GEOG-2407(3) Recreation Geography
GEOG-3408(3) Water Resources
GEOG-3508(3) Geographical Issues in the Developing World

GROUP C COURSES: Select six (6) credit hours from this group:
GEOG-3306(3) Advanced GIS (cannot be used for both the required core and Group C courses)
GEOG-3307(3) Advanced Computer Mapping
GEOG-3310(3) Spatial Analysis
GEOG-3319(3) Advanced Remote Sensing (cannot be used for both the required core and Group C courses)
GEOG-4320(3) Projects in Geomatics
GEOG-4321(3) Topics in Geomatics I or
GEOG-4322(3) Topics in Geomatics II

GROUP D COURSES: Select six (6) credit hours from this group:
GEOG-2414(3) The Urban Environment
GEOG-2415(3) An Introduction to Urban Development
GEOG-3402(3) Urbanization in the Developing World
GEOG-4403(3) Urban Land Use: Developmental Processes
GEOG-4404(3) Field Research in Urban Geography
GEOG-4407(3) Advanced Tourism and Recreation Geography

4-YR BA GEOGRAPHY MAJOR REQUIREMENTS : All students in the 4-Yr BA Joint program are reminded that they must meet the requirements of the general 4-Yr BA in Geography, including 6 credit hours of Regional Geography and an overall minimum of 12 credit hours of upper-level (3000 or 4000) Systematic Human or Geomatics courses with a minimum of 6 credit hours at the 4000 level.

RED RIVER COLLEGE COURSES

TERM 1		RRC credit hours
CIVG-4021	Remote Sensing	6
CIVG-4022	Statistics for GIS	3
CIVG-4024	Cartography	4
CIVG-4025	GIS Fundamentals	7
CIVG-4026	Programming 1	6
CIVG-4030	Project Management Fundamental	2
CIVG-4032	Surveying	2
CIVG-4034	GIS Applications 1	3
TERM 2		
CIVG-4027	GIS Modeling	4
CIVG-4028	Applied Remote Sensing	3
CIVG-4029	Programming 2	6
CIVG-4031	Spatial Database Management	5
CIVG-4033	Thesis Project	12
CIVG-4035	GIS Applications 2	3

REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE
4-YEAR BSc (JOINT PROGR AM IN GEOGRAPHY /
GEOGRAPHIC INFORMATION SYSTEMS.157(,eTJ 3.391 -1.1Tc .0027 TCr6ar

Students are normally enrolled at The University of Winnipeg in years one, two, and four and at Red River College for

GEOG-4232(3) Conservation

GROUP D COURSES: Select three (3) credit hours from this group:

GEOG-3306(3) Advanced GIS (cannot be used for both the required core and Group D courses)
GEOG-3307(3) Advanced Computer Mapping
GEOG-3310(3) Spatial Analysis
GEOG-3319(3) Advanced Remote Sensing (cannot be used for both the required core and Group D courses)
GEOG-4320(3) Projects in Geomatics
GEOG-4321(3) Topics in Geomatics I or
GEOG-4322(3) Topics in Geomatics II

NON-GEOGRAPHY SCIENCE REQUIREMENTS	Minimum of 24 credit hours selected from at least two of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics (for some restrictions, refer to the General Calendar)

GEOG-2410(3) Selling Places: Geography of Marketing Tourism
GEOG-2411(3) Geography of Globalization

GERMAN-CANADIAN STUDIES (GCS)

Updated Jan 4, 2017

Note: The department/program codes HIST and GERM replace the former codes 29 and 26 respectively. Students cannot

GERMAN STUDIES (GERM)

Updated January 23, 2017

Note: The department/program code GERM replaces the former code 26. Students cannot hold credit in GERM-xxxx and the former 26.xxxx having the same course number (e.g., GERM-1201(6) and 26.1201(6)).

Chair of Modern Languages & Literatures: Professor S.A. Viselli; Assistant Professor: K. Lovrien-Meuwese

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

The modern German language was born in the 16th century when two groups of dialec

Combined Major: Minimum 48 credit hours from two (2) different Major subjects with not less than 18 credit hours from each Major subject.

Required Courses:

GERM-2109(3) Advanced Intermediate German I

REQUIREMENTS FOR A 4-YEAR BA IN GERMAN STUDIES

ADMISSION REQUIREMENT	Students must consult with the Department Advisor in planning their studies. Students must have completed at least 30 credit hours in German Studies.
GRADUATION REQUIREMENT	120 credit hours

Culture and Literature Courses
GERM-3101(3) Studies in German Culture I
GERM-3102(3) Studies in German Culture II
GERM-2209(3) Introduction to German Literature
GERM-2386(3) Contemporary German Cinema
GERM-3113(3) Exploring Language and Society through Texts
GERM-3906(3) Studies in German Literature

Courses in German Cultural History in English
(Cross-listed with History)
GERM-2101(3) Studies in German Culture I
GERM-2102(3) Studies in German Culture II
GERM-2303(3) The Child in Europe

Experimental Course
GERM/MENN-2107 Introduction to Mennonite Low German

COURSE DESCRIPTIONS

All course descriptions for all undergraduate programs can now be found in the back portion of the print Undergraduate Academic Calendar. They are also available in one large PDF in the “Academic Calendar” section of the University website: http://uwinnipeg.ca/academics/calendar/index.html

HISTORY (HIST)

Updated March 17, 2017

Note: The department/program code HIST replaces the former code 29. Students cannot hold credit in HIST-xxxx and the former 29.xxxx having the same course number (e.g., HIST-2500(6) and 29.2500(6)).

Chair: Associate Professor J. Hanley; Professors: D. Abreu-Ferreira, A. Freund, R.K. Loewen, A.R. McCormack, M. Meuwese, J. Yaremko Associate Professors: E. Alexander,

Students in the Honours program must have approval of the Department Chair.

GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject, including 6 credit hours at the 1000 level in History HIST-3001(6) Practice and Philosophy of History 12 credit hours at the 2000 or 3000 level in History. 36 credit hours at the 3000-level and above, including HIST-3001(6) Practice and Philosophy of History and a minimum of 24 credit hours at the 4000 level.
Distribution:	Minimum three (3) credit hours from each of four (4) Areas of Study.
Double Honours: 5ra des	ig-7.thr0006 Tw (4HO)5.4(NOouble)-7..5((bject, ing)8.4( )]TJ -35.308849.6( )-g-7.thr0Tc -.

GENERAL INFORMATION

Prerequisites

Students who are not History Majors are welcome to select 1000-, 2000-, and 3000-level courses.

1000-Level Courses

Only 6 credit hours at the1000-level in History may be used as credit towards graduation.

Graduate Studies

The History Department also offers Graduate Study as part of a Joint Master's Program with the University of Manitoba. For details see the Graduate Studies section of this Calendar.

4000-Level Courses: Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).
Permission of the Department is required for each 4000-level course.

Re-numbering of Courses

Since 1988, the Department has renumbered many courses. Students may not receive credit for a currently-listed course if they have already completed it under its former number.

The Department of History has organized its courses into areas of specialization. These divisions are provided as guidelines to the Areas of Study available for concentration. Areas of Study are identified by the second digit in the course number as follows:

0 Introductory
1 World History
2 Pre-Industrial Europe
3 Modern Europe
4 Asia
5 Canadian History
6 American History
7 Africa
8 History of Art
9 History of Science

COURSE LISTINGS

INTRODUCTORY COURSES

Note: Only 6 credit hours at the 1000 level in History may be used as credit towards graduation.

HIST-1006(3) Indigenous History to 1900: Origins, Contact, Colonialism
HIST-1007(3) Indigenous History since 1900: Racism, Resistance, Renewal
HIST-1008(3) Colonial Genocides and Indigenous History
HIST-1011(3) Cross Currents in Global Art
HIST-1014(3) Europe and the Mediterranean World to 1700
HIST-1015(3) The Atlantic World: Europe and the Americas, 1700-1989

2000-LEVEL

HIST-2080/ CLAS-2301 (3) The History of Archaic Greece
HIST-2081/(3) CLAS-2303 The History of the Roman Republic
HIST-2089(3)/ CLAS-2302 The History of Classical Greece
HIST-2090(3)/ CLAS-2010(3) Topics in Classical Studies
HIST-2097/ CLAS-2304(3) The History of the Roman Empire
HIST-2099(3)/ CLAS-2950(3) The Roman Army
HIST-2108(3)/ MENN-2101(3) Mennonite Studies I
HIST-2109(3)/ MENN-2102(3) Mennonite Studies II
HIST-2110(6) The Twentieth Century World
HIST-2112(6) War as a Social Institution
HIST-2113(6) A History of Slavery
HIST-2114(3) From Columbus to Cook
HIST-2116(6) Survey History of Latin America
HIST-2117(3) History of Brazil
HIST-2118(3) Modern Mexico: From Acapulco to Zapatistas
HIST-2120(3) Business History
HIST-2121(3) Environmental History of the Americas
HIST/IDS-2130(6) History of the Developing World
HIST/MENN/CRS-2131(3) History of Peace and Nonviolence I
HIST/MENN/CRS-2132 History of Peace and Nonviolence II
HIST-2133(3) Global Migration History
HIST-2170(6) Islam and the West
HIST-2171(3) Islam, Oil And War in the Modern Middle East
HIST-2190(3)/ THFM-2401(3) Theatre History I
HIST-2191(6)/ THFM-2410(6) History of Film
HIST-2192(6)/ THFM-2406(6) History of Fashion and Dress
HIST-2211(3) Europe in the Middle Ages 300-1350
HIST-2212(3) Europe between the Medieval and Modern Worlds 1350-1650
HIST-2213(3) Women in Pre-Industrial Europe
HIST-2214(6) Europe in the Middle Ages
HIST-2215(3) History of the Byzantine Empire
HIST-2226(3) The History of Sexuality from Antiquity to the Middle Ages
HIST/GERM-2303(3) The Child in Europe
HIST-2313(6) Modern European Society
HIST-2316(6) History of Britain from 1485
HIST-2323(3) Studies in German Culture I
GERM-2101(3)
HIST-2324(3) Studies in German Culture II
GERM-2102(3)
HIST-2325(3/6) Russia to 1917
HIST-2326(3/6) Russia since 1917
HIST-2327(3) The History of Sexuality from the Renaissance to the Present

HIST-2328(3) Anti-Semitism and the Holocaust
HIST-2329(3) Women in Modern Europe
HIST-2330(3) Europe since 1945
HIST/GERM-2331(3) History of Modern Germany
HIST-2411(6) History of Asia Since 1500
HIST-2413(3) South Asia Since 1500
HIST-2414(3) History of East Asia Since 1500
HIST-2500(6) History of Canada to 1939
HIST-2503(3) Survey History of Canada: The Colonial Era, 1500-1867
HIST-2504(3) Survey History of Canada: The National Era, 1867-1939
HIST-2505(3) Survey History of Canada: The Modern Era, 1939 to the Present
HIST-2509(6) History of the Indigenous Peoples of Canada
HIST-2510(3) Indigenous Peoples of Canada to 1815
HIST-2511(3) Indigenous Peoples of Canada since 1815
HIST-2512(3)/HR-2200(3) History of Human Rights in Canada
HIST-2514(3) History of Canadian Education
HIST-2516(3) History of Indigenous Education: Residential Schools and Beyond
HIST-2600(6) History of the United States from 1607
HIST-2700(6) History of Africa

HIST-2800(6) History of European Art
HIST-2801(6) History of Canadian Art
HIST-2802(3/6)/REL-2901(3) Art in Non-Christian Religions
HIST-2804(3) Secrets of Museums: A Critical Inquiry into the Origins and Culture of Western Museums
HIST-2900(6) History of Science
HIST-2901(6) History of Technology
HIST-2910(3) History of Medicine To 1700
HIST-2912(3) The History of Modern Medicine

3000-Level

HIST-3001(6) Practice and Philosophy of History
HIST-3002(3/6) Tutorial
HIST-3005(6) Introduction to Oral History

HIST-3570(3/6)The Family in Canadian History
HIST/WGS-3571(3) History of Feminism in Canada
HIST-3572(3/6)History of Childhood in Canada
HIST/IS-3590(3) Indigenous Health History
HIST-3603(3) United States, 1878-1929
HIST-3604(3) United States, 1929-1988
HIST-3609(6) History of the Native American Peoples of the United States
HIST-3611(6) Colonial America, 1492-1783
HIST-3612(3) Religion in American History
HIST-3701(6) Modern Africa
HIST-3703(3) South Africa in the Modern World
HIST-3704(3) West Africa in the Twentieth Century
HIST-3711(6) Liberation Movements in South Africa
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6)Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3812(3/6) History of Gothic Architecture
HIST-3813(3) Art History in Focus I
HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage
HIST-3824(3) History and Theory of Dance and Art
HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art History in Focus II
HIST-3828(3/6)Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design
HIST-3840(3/6)Seventeenth Century Art
HIST-3841(3/6)Arts of the Middle Ages
HIST-3842(3/6)Italian Renaissance Art
HIST-3843(3/6)Northern Renaissance Art
HIST-3901(3) The Scientific Revolution
HIST-3902(3) The Darwinian Revolution
HIST-3903(3)/ Classical and Medieval Science

HISTORY OF ART (HISA)

Apr 25, 2017

Note: The department/program code HISA replaces the former code 89. The department/program code HIST replaces the former code 29. Students cannot hold credit in HIST-xxxx and the former 29.xxxx having the same course number (e.g., HIST-2800(6) and 29.2800(6)).

Coordinator: Associate Professor: C. Labrecque ; Associate Professor: S. Keshavjee; Assistant Professor: J. Nagam, Adjunct Professor: S. Borys

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor
MA in Cultural Studies: Curatorial Practices – Please see Graduate Studies Academic Calendar .

INTRODUCTION

The History of Art Program focuses on the artistic achievement of previous ages and its relationship to society and culture. The architecture, sculpture and painting, and other artistic mediums produced by a civilization provide an important key to contextualizing civilization. By examining visual records of humanity's past; students can further their understanding of political, economic, social and intellectual developments.

The History of Art Program is a multidisciplinary program which introduces students to basic concepts in the field of the history of the visual arts. The program is administered by the History Department and includes courses from the Departments of Classics, Philosophy, Religion and Culture, and Theatre and Film. In addition, students in some courses have special access to the resources of the Winnipeg Art Gallery, and the University of Winnipeg's Gallery 1C03. Students in the History of Art Program may obtain the 3-Year BA, 4-Year BA, Honours BA or Minor in History of Art.

A Major in History of Art can lead to careers in teaching or in curatorial work at commercial Students must consult with a member of the study.

GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous req
Maximum Introductory Courses:	Students may use a maximum of 42 credit of 6 credit hours may be below the 1000 lev
Distribution:	Minimum three (3) credit hours from each o

Major. These may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art

24 credit hours from the following:

History:

HIST-2801(6) History of Canadian Art
HIST-2802(3/6) Art in Non-Christian Religions
REL-2901(3/6)
HIST-2804(3) Secrets of Museums
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-first-Century Canadian Art
HIST-3809(3/6) Nineteenth-Century Art in Context
HIST-3810(3/6) Art in the Twentieth Century
HIST-3811(6) Women, Art and Society
HIST-3813(3) Art in Focus I

HIST-3813(3) Art in Focus I
HIST-3814(3/6) Indigenous Art
HIST-3816(6) Art and Architecture of Pilgrimage
HIST-3824(3) History and Theory of Dance and Art
HIST-3825(6) Theories and Methods for Art History
HIST-3826(3) Art in Focus II
HIST-3828(3/6) Dada and Surrealism: Art of the Unconscious
HIST-3829(3/6) Modern Architecture and Design
HIST-3840(3/6) Seventeenth Century Art
HIST-3841(3/6) Arts of the Middle Ages
HIST-3842(3/6) Italian Renaissance Art
HIST-3843(3/6) Northern Renaissance Art
HIST-4801(6) Special Topics in Art History
HIST-4802(6) French Art and Culture around 1900
HIST-4803(3/6) Gothic Revival Art & Architecture in Winnipeg
HIST-4815(3/6) Cultures of the Past: Art History & Memory
HIST-4830(6) The History of Museums and Collecting
HIST-4831(6) Practicum in Curatorial Studies

Classics:
CLAS-2000(3) Heroic Age of Greece
CLAS-2002(3) Greek Art and Architecture
CLAS-2003(3) Roman Art and Architecture
CLAS-2081 (3) Sites of the Ancient World 1
CLAS-2082 (3) Sites of the Ancient World 2

Philosophy:
PHIL-2219(3) Philosophy of Art
(OR the former PHIL-2221(6))

Theatre and Film:
THFM-4431(3) Theatre Aesthetics

Normally the requirements for the Major should be fulfilled with half of the History of Art courses at the 3000 level or above. Students must consult with a member of the Department in planning their curriculum.

Combined Major: Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject

Required courses:
6 credit hours in History at the 1000 level (HIST-1011/3 recommended)
HIST-2800(6) History of European Art
6 credit hours in History of Art at the 3000 level

REQUIREMENTS FOR AN HONOURS BA IN HISTORY OF ART

ADMISSION REQUIREMENT
Entry into the program is possible after completing a minimum of 30 credit hours.
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
Students in the Double Honours program must have approval of the History Department Chair and the Art History Coordinator

GRADUATION REQUIREMENT 120 credit hours

RESIDENCE REQUIREMENT
Degree: Minimum 60 credit hours
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

GENERAL DEGREE REQUIREMENT
Humanities: 12 credit hours in Humanities
Science: 6 credit hours in Science
Indigenous: 3 credit hours in designated Indigenous requirement courses
Writing: Minimum 3 credit hours of Academic Writing
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

HONOURS REQUIREMENT
Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject

Required courses:
6 credit hours in History at the 1000 level (HIST1011/3 recommended)
HIST-2800(6) History of European Art
HIST-3001(6) Practice and Philosophy of History

6 credit hours in History of Canadian Art at the 2000 level or above, from:
HIST-2801(6) History of Canadian Art
HIST-3805(3/6) Arts of the Arctic
HIST-3807(3/6) Topics in Twentieth and Twenty-First-Century Canadian Art

HIST-3814(3/6) Indigenous Art

	HIST-2800(6) History of European Art An additional 6 credit hours in the History of Art or in a related field with the approval of a Department Advisor.
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Students are strongly advised to pursue additional courses in foreign languages, Philosophy and History related to the area of emphasis in their Art History Program. Students may find the following courses of interest:

Classics:

HUMAN RIGHTS (HR)

(This program replaces the Thematic Major in Human Rights and Global Studies.)

Updated April 25, 2017

Coordinator: D. Peachey, Global College . Program Advisors: E. Alexander, History; J. Arnold, Conflict Resolution

REQUIREMENTS FOR A 4-YEAR BA IN HUMAN RIGHTS

ADMISSION REQUIREMENT	A minimum GPA of 2.0 is required for entry. Students must consult with the program coordinator or designate in planning their course of study.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	60 credit hours
Major:	30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours
Sciences:	6 credit hours
Social Sciences:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of six may be below the 1000 level.
Distribution:	A minimum of three (3) credit hours from each of five (5) different subjects
MAJOR REQUIREMENT	
Single Major:	48 credit hours
Double Major:	48 credit hours in Human Rights and specified number of credit hours in other department/program

Required Courses: Students must complete the following core courses (30 or 33 credit hours):

COURSE LISTINGS

Core courses

HR/IDS-1200(3)	Introduction to Global Citizenship
WGS-1232(6)	Introduction to Women's and Gender Studies
HR-2100(3)	Concepts and Conventions in Human Rights
HR-2200/HIST-2512(3)	History of Human Rights in Canada
UIC/POL/IS-2020(3)	Colonization and Aboriginal Peoples
HR-3210(3)	Human Rights Institutions
HR/CRS-3410(3)	Models of Transitional Justice
HR-3510(3 or 6)	Practicum in Human Rights
HR-4001(3)	Capstone in Human Rights

Elective Courses

HR-2600(6)	Emerging Issues in Human Rights
HR 2310(3)	Refugees, Resettlement, and Resilience
HR-2540(3)	Global Human Rights Advocacy
HR-2650 (3 or 6)	Special Topics in Human Rights
POL-2410(6)	Human Rights and Civil Liberties in Canada
HR-3550(3)	Human Rights, Human Security and the UN
HR-3650 (3 or 6)	Special Topics in Human Rights
CRS/HR-3931(3)	Human Rights and Conflict Resolution
REL/EALC-3707/4704/HR-3311(3)	Chinese & East Asian Perspectives on Human Rights
HR-4210(3 or 6)	Human and Indigenous Rights in Latin America
HR/CRS-4350(3)	Post-Conflict Truth, Memory and Reconciliation
HR-4650 (3 or 6)	Special Topics in Human Rights
HR-4671(3 or 6)	Independent Study in Human Rights

Area Courses

* Denotes courses with departmental prerequisite(s)

ANTH/IDS-3160(3)	Cultural Perspectives on Global Processes*
ANTH-3310/4310(3)	The Race Concept in Physical Anthropology*
CJ-2125(3)	Crime Victims*
CJ-3121(3)	Race Relations and the Criminal Justice System*
CJ-3201(3)	Comparative Crime and Criminal Justice*

POL-2225(3)	The Idea of Democracy
POL-2315(6)	The Legal Process
POL-3110(3)	International Organization*
POL-3120(3)	International Law
POL-3135(3)	Critical Security Issues*
POL-3411(3)	Aboriginal People and the Law I
POL-4510(3)	Law and Politics of Social Change*
REL-2402(3)	Fundamentalisms in Global Perspective
REL-2404(3)	Religion and Culture: Religions in Encounter and Change
REL-2405(3)	Religion and Culture: The Multifaith Society
REL-3504/4504(3)	The Problem of Evil*
REL-3551/4551(3)	Religion and Social Change*
RHET-3420	Rhetorics of Identity*
RHET-3151(3)	Critical Studies of Discourse*
RHET-3153(3)	Studies in the Rhetorics of Gender*
SOC-3304(3)	Immigrant Families
SOC-3305(3)	International Migration
SOC-3333(3)	Liberation Sociology
UIC/WGS-3020(3)	Women & the Inner City
UIC-3040(3)	Poverty & the Law
UIC-3050(3)	Immigration & the Inner City
WGS-2251(6)	Gender, Race and Nation in Canada*
WGS-3301(3)	Feminisms: Background and Fundamentals*

Human Rights Cognate Categories

Research Methods and Skills

ANTH-3125/4125(3)	Ethnographic Research Methods*
CJ-2101(3)	Criminal Justice Research Methods*
CRS/IDS-3920(3)	Action Research Methods*
CRS/IDS-4922(3)	Program Evaluation in Development and Conflict Resolution*
POL-3225(3)	Quantitative methods in Politics*
PSYC-2101(3)	Introduction to Data Analysis
PSYC-2102(3)	Introduction to Research Methods*
REL-3804/4804(3)	Aboriginal Spirituality: Research Methods*

INDIGENOUS STUDIES (IS)

Updated April 25, 2017

Note: The department/program code IS replaces the former codes AG & 80. Students cannot hold credit in IS-xxxx and the former AG.xxxx & 80.xxxx having the same course number (e.g., IS-3100(6) and AG-3100(6) or 80.3100(6)).

Chair: J. Romanow, Associate Professor; Professors: G. Nemogá; Associate Professors :J. Pelletier, L. Fontaine, S. Shukla
Lecturer : D Courchene
Department Assistant: Please call 204-786-9305

DEGREES and PROGRAMS OFFERED
3-Year BA
4-Year BA
Honours BA
Joint Indigenous Studies/Aboriginal Governance Degree/Diploma (RRC/UW)
Cohort Stream BA in Indigenous Studies (for [illegible] Graduate Studies) Academic Calendar
Graduate Studies in Indigenous Governance – Please see INTRODUCTION

The Department of Indigenous Studies/IS (formerly the Aboriginal Governance Program) is grounded in the intellectual and cultural heritage of Indigenous peoples in Canada and around the globe. Students from all backgrounds and disciplines develop critical thinking skills through interdisciplinary coursework offered by the IS faculty. The Department recognizes and honors the central role of language as carrier of culture, conveyor of tradition and knowledge, and signifier of individual and community identity by supporting the teaching of the indigenous languages Ojibwe and Cree. The relationship of the department with Indigenous peoples in Canada and abroad is one of reciprocity and support. The preparation of students includes the introduction of alternative world who wish to combine kn

majors are encouraged to pursue the Minor in Indigenous Studies.

The Department of Indigenous Studies participates in the Interdepartmental Minor in Co
please see Comparative Literature in this Calendar.

REQUIREMENTS FOR A 3-YEAR BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENT	Students must consult with an Academic Advisor for program planning.
GRADUATION REQUIREMENT	90 credit hours (this includes 45 credit hours from the ASGA Red River College program if applicable)
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	

Students may take a maximum of 6 credit hours of Directed Reading towards the major requirements.
Students may not count the same course for more than one of the above categories. Courses worth 6 credits meet the 3 credit requirement in the required course categories; any additional credits accrued will count toward the IS major credit hours.

Required Courses :

IS-1016(3) Introduction to Indigenous Studies: Art, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance

3 credits of Indigenous Cultures and Histories – may be met by taking IS-1101, IS-1201, IS-2040, IS-2050, IS-2101, IS-2201, IS-3100,
or by taking IS-2001, IS-3001, IS/HIST-3590,

PHIL-3500(3) Philosophical Perspectives: Aboriginal Rights and Liberalism
(Prerequisite waived for Indigenous Studies students)

Political Science
POL-3411(3) Aboriginal People & the Law I
POL-3415(3) Aboriginal People & the Law II

Religion & Culture
REL-2801(3) Introduction to Aboriginal Spirituality
REL-2802(3) Aboriginal & Christian Encounter
REL-2803(3) Understanding Aboriginal Sacred Narrative
REL/IDS-2804(3) Global Perspectives on Aboriginal Societies, Spiritualties & the Environment
REL-3802(3) Aboriginal Healers
REL-3803(3) Aboriginal Women's Teachings
REL-3804(3) Aboriginal Spirituality: Research Methods

Sociology
SOC-2105(6) Race, Ethnic and Aboriginal Relations
SOC-3123(3) Crime, Victimization and Justice in Aboriginal Communities
(Prerequisite waived for Indigenous Studies students)

Urban and Inner-City Studies
UIC/IS-1010(3) Indigenous Ways of Knowing
UIC/IS/POL-2020(3) Colonization and Aboriginal Peoples
UIC/IS/BUS-2030(3) Management and Financial Administration for Community Leadership
UIC-2001/IS-2301(3) Community Development
UIC/IS-3035(3) Human Resource Management for Community Leadership

REQUIREMENTS FOR A 4-YEAR BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENTS	Students must consult with an Academic Advisor in planning their studies. Students must have completed at least 30 credit hours in Indigenous Studies.
GRADUATION REQUIREMENTS	Minimum 120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

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REQUIREMENTS FOR AN HONOURS BA IN INDIGENOUS STUDIES

ADMISSION REQUIREMENTS

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.75 GPA (degree GPA) in non-Honours courses. The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.75 GPA in all non-Honours courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours, with minimum 3.0 GPA in Honours and 2.75 in non-Honours subject courses.
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at the 4000 level.
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours (may be met with IS language courses)
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
HONOURS REQUIREMENT	
Single Honours:	Minimum 54 credit hours/ Maximum 78 credit hours Minimum 21 credit hours in 4000-level Honours courses, minimum 12 credits in 4000-level IS courses.
Double Honours:	Minimum 36 credit hours in each Honours subject, minimum 9 credits in 4000-level IS courses. Minimum 15 credit hours in 4000-level Honours courses

4-YEAR BA/HONOURS ELECTIVES:

Indigenous Studies

IS-4000(3 or 6) Indigenous Studies Practicum
IS-4020/7020 (3) Indigenous Self Determination
IS-4021/7021(6) Pathways to Indigenous Wisdom
IS-4022/7022(6) Indigenous Research Methodologies and Ethics
IS-4023/7023(3) Indigenous Peoples, Globalization & Development
IS-4024/7024(3) Biocultural Diversity Conservation: Striking a balance between Science and Indigenous Knowledge practices
IS-4026/7026(3) Community Food Security: Indigenous and International Perspectives
IS-4703 Indigenous Education in the Era of Globalization
IS-4200/7200(3 or 6) Seminar in Selected Topics

Anthropology

ANTH-4105(6) Natives and Newcomers in Encounter: Selected Topics
ANTH-4117 /HIST-4526(3) Ethnohistoric Methods and Theory

English

ENGL-4717(3) Topics in Aboriginal Literature & Culture I
ENGL-4718(3) Topics in Aboriginal Literature & Culture II

History

HIST-4570(6) Native and Newcomers in Encounter: Selected Topics
HIST-4500(6) Tutorial (Independent Study) (IS Chair permission required)

Human Rights

HR–4210 (6) Human and Indigenous Rights in Latin America (experimental)

Religion and Culture

REL-4800(3) Topics in Aboriginal Religious Traditions
REL-4802(3) Aboriginal Healers
REL-4803(3) Aboriginal Women's Teachings
REL-4804(3) Aboriginal Spirituality: Research Methods
REL-4990(6) Directed Readings (IS Chair permission required)
REL-4991(3) Directed Readings (IS Chair permission required)

Urban and Inner City Studies

UIC-4445(3) Urban Aboriginal Seminar

JOINT INDIGENOUS STUDIES/ABORIGINAL SELF-GOVERNMENT ADMINISTRATION DEGREE/DIPLOMA (RRC/UW)

This is a combined degree/diploma program in cooperation with Red River College. Diploma graduates are granted a block transfer of 45 credit hours towards a 3-year, 4-year or Honours degree

IS-1101(6) Introductory Cree
IS-1201(6) Introductory Ojibwe

Students in the Joint Degree/Diploma Program may only use a maximum of 18 credit hours at the 1000 level from The University of Winnipeg. Of these, a maximum of 6 credit hours may be below the 1000 level.Students are advised that a 3-Yr BA is not normally sufficient for admission to graduate studies.

REQUIREMENTS FOR A 3-YEAR BA IN INDIGENOUS STUDIES
Cohort Stream for RRC Employees

BA IN INDIGENOUS STUDIES – COHORT STREAM
The cohort stream is designed to meet the needs of RRC staff seeking an educational upgrade and needing a flexible part-time schedule. The 3-Yr BA in Indigenous Studies will be earned over six years of pre-selected coursework for a cohort of 20 to 25 students. Credit loads will vary over the six year program, starting with a lighter load in the first year to acclimate new or returning students to the university setting. Evening, weekend, spring/summer, and module courses will be offered by fully qualified instructors at a variety of locations, including campuses of the University of Winnipeg and of Red River College.

Approximate plan:
YEAR ONE: Fall, Winter
IS-1016(3) Introduction to Indigenous Studies: Art, Culture and History
AND
IS-1017(3) Introduction to Indigenous Studies: Politics and Governance
RHET-110x(3) Academic Writing

YEAR TWO: Spring/Summer, Fall, Winter
ENG-1003(3) Introduction to Topics in Literature
ENV-1600(3) Human and Environment Interactions
HIST-2xxx(3) Aboriginal/Indigenous History elective To Be Announced (TBA)
IS-2040(3) Indigenous Women and Resilience
IS-2050(3) Indigenous Peoples, Land, and Resources

YEAR THREE: Spring/Summer, Fall, Winter
ANTH-2103(3)

3 credit hours of Indigenous Cultures and Histories – may be met by taking one of the following:

IS-2040 Indigenous Women and Resilience
IS-2050 Indigenous Peoples, Land and Resources
IS-3101 Contemporary American Indian Policy in Cultural Context;
IS-2001 Special Topics in Indigenous Studies
IS-3001 Special Topics in Indigenous Studies
IS-3901 Directed Readings
IS-4200 Seminar in Selected Topics (with permission of IS Chair) OR any HIST electives accepted (above 1xxx level) for the Indigenous Studies BA, including cross listed electives.

3 credit hours of Indigenous Sciences and Knowledge systems

INTERNATIONAL DEVELOPMENT STUDIES (IDS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

Updated Jan 31, 2017

Note: The department/program code IDS replaces the former code 60. Students cannot hold credit in IDS-xxxx and the former 60.xxxx having the same course number (e.g., IDS-1100(6) and 60.1100(6)).

Coordinator: Neil Funk-Unrau (Associate Dean of Menno Simons College); Professor: J. Buckland; Associate Professor: R. Rempel; Assistant Professors: K. Patel, J. Sears.

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Minor

INTRODUCTION

International Development Studies (IDS) is an interdisciplinary major that challenges students to explore the causes and consequences of processes that promote some individuals, communities, and nations, and exclude others. IDS students are prepared for citizenship in an increasingly interdependent global community and are encouraged to envision paths towards a transformed, just world. The IDS program is jointly offered by Menno Simons College (MSC) and the University of Winnipeg. The interdisciplinary major of IDS can be taken alone or can be effectively combined with another major like Anthropology, Conflict Resolution Studies, Economics, Environmental Studies, Politics, or Sociology. All MSC students register as University of Winnipeg

REQUIREMENTS FOR A 3-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

ADMISSION REQUIREMENT	Students must consult with the MSC Academic Advisor in planning their course of study.
GRADUATION REQUIREMENT	90 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
MAJOR REQUIREMENT	
Single Major:	Minimum 36 credit hours from International Development Studies (IDS); Core Courses (18 credit hours) and IDS Area Courses (18 credit hours).

REQUIREMENTS FOR A 4-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

ADMISSION REQUIREMENT	Students must consult with the MSC Academic Advisor in planning their course of study.
GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENT

Single Major:	Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours). Maximum 84 credit hours from IDS Core and Area Courses.
Double Major:	Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours). Maximum 84 credit hours from IDS Core and Area Courses. Students must also meet the specified number of credit hours from the other major (may vary since some courses can be credited to both majors).

As IDS is an interdisciplinary major, the normal disciplinary four-year maximum of 66 credit hours is extended to permit students to take the maximum from the IDS Core Courses (60 credit hours) plus the minimum from the IDS Area Courses (24 credit hours). IDS Area Courses beyond 24 credit hours can be used to meet cognate requirements or as electives for graduation requirements.

Cognate: Minimum 18 credit hours/maximum 36 credit hours with a minimum 9 credit hours/maximum 15 credit hours from designated applied research or skills-related courses, plus a minimum 3 credit hours/maximum 6 credit hours of language study courses.

Minimum Major and Cognate Courses: 72 credit hours.

The cognate requirement is in addition to the major requirement (minimum 54 credit hours). Cognate requirements beyond the minimum of applied research or skills-related courses (9 credit hours) and language study courses (3 credit hours) can be met through IDS Core or Area Courses, as long as the sum of Cognate and Major Requirements is the minimum 72 credit hours.

Maximum Major and Cognate Courses: 90 credit hours

In meeting the IDS CORE COURSES requirement, all the following courses must be completed:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development*
IDS-2171(3)	Crisis, Humanitarian Aid and Development* (formerly Crisis, Vulnerability and Development)
IDS-3101(3)	Development Ethics*
IDS-3111(3)	An Analysis of Development Aid Policies*
IDS-3199(3)	Practicum in International Development Studies*
IDS-4100(3)	Senior Seminar in International Development Studies*
IDS-4920(3)	Program Planning in Development and Conflict Resolution* or IDS-4922(3) Program Evaluation in Development and Conflict Resolution*

In meeting the IDS AREA COURSES requirement, the following course must be completed:

ECON-1104(3)	Introduction to Economic Theory, or ECON-1102(3)

In meeting the IDS Cognate requirement, a minimum of 9 /maximum of 15 credit hours must be completed from the following (note: courses marked with * have prerequisites):

Research Methods Courses

IDS/CRS-3920(3)	Action Research Methods*
ANTH-3117/4117(3)	Ethnohistoric Methods and Theory*
ANTH-3125/4125(3)	Ethnographic Research Methods*
ECON-3201(3)	Econometrics for Economics and Finance*
ECON-3316(3)	Cost Benefit Analysis and Project Evaluation*
ECON-4201(3)	Econometrics*
ENV-3609(3)	Research Methods and Design*
ENV-3610(3)	Research Projects*
ENV-4611(6)	Environmental Impact Assessment*
HIST-3005(6)	Introduction to Oral History
HIST-3526/4526(3)	Ethnohistoric Methods and Theory*
IS-3012/ANTH-3170(3)	Ethnoecology: A Research Approach*
IS-4022(6)	Indigenous Research Methodologies and Ethics
PSYC-2101(3)	Introduction to Data Analysis*
PSYC-2102(3)	Introduction to Research Methods*
RHET-2135(3)	Rhetorical Criticism*
SOC-2125(3)	Introduction to Quantitative Research Methods*
SOC-2126(3)	Introduction to Research Design and Qualitative Research*

Rhetorical Cr

and Qualitative Research

Introduction7.5 Quantitative Research Methods*)-8.5)]TJ 10.4287 -1.2579 Td 0 Tc 0 Tw ( )T4 /TT6 1 Tf 4.5113 0 TD -.0007 Tc [(SOC-2

PS16(3)

Cognate, Theory and Research Methods Courses (note: courses marked with * have prerequisites)

Theory Courses: a minimum of 6 credit hours selected from the following:

ANTH-3100/4100(3) History of Anthropology*
ANTH-4401(3) Semiotics and Structuralism*
CRS/IDS-3910(3) Peace Theory and Practice*
CRS/IDS-4910(3) Conflict and Construction of the Other*
ECON-2101(3) Intermediate Economics: Micro*
ECON-2102(3) Intermediate Economics: Macro*
ECON-3321(3) History of Economic Thought I*
ECON-3322(3) History of Economic Thought II*
ENGL-3151(6) Critical Theory: An Introduction*
PHIL/POL-2200(6) Social and Political Philosophy
PHIL-2201(6) Moral Philosophy
POL-2225(6) The Idea of Democracy
POL-3250(3) Violence, Hegemony and the Rise of Mass Politics
POL-3255(3) Liberals, Marxists and Anarchists
POL-4200(3) Feminist Political Thought*
POL-4215(6) Seminar in Political Thought*
RHET-3138(3) Modern Rhetorical Theory*
RHET-3151(3) Critical Studies of Discourse*
WGS-3301(3) Feminisms: Background and Fundamentals*
WGS-3302(3) Feminisms: Current Perspectives*
WGS-4004(3) Cultural Studies and Feminisms*
WGS-4200(3) Advanced Feminist Theory*

Research Methods Courses: a minimum of 9 credit hours selected from the following:

IDS/CRS-3920(3) Action Research Methods*
ANTH-3117/4117(3) Ethnohistoric Methods and Theory*
ANTH-3125/4125(3) Ethnographic Research Methods*
ECON-3201(3) Econometrics for Economics and Finance*
ECON-3316(3) Cost Benefit Analysis and Project Evaluation*
ECON-4201(3) Econometrics*

REQUIREMENTS FOR A MINOR IN INTERNATIONAL DEVELOPMENT STUDIES

Degree:	Students must complete a BA in another program to be eligible to hold the Minor.
Minor:	18 credit hours in the Minor subject, with minimum of 12 credit hours above the 1000-level
Residence Requirement:	Minimum 12 credit hours in the Minor subject
Required courses:	Minimum 18 credit hours of International Development Studies courses, including: IDS-1100(6) Introduction to International Development Studies and at least one of: IDS-2110(3) Participatory Local Development, or IDS-3111(3) Analysis of Development Aid Policy Note: Students may include a 3 credit hour IDS Practicum (IDS-3199) in their minor, provided they meet the pre-requisites for this course.
Restrictions:	Students cannot declare the same subject as a Major and a Minor.

GENERAL INFORMATION

Practicum Opportunities:
A practicum placement enables students to develop skills and apply classroom theory to real-life situations. It requires significant preparatory work and generally lasts from three to six months in either a local or international setting. Students must explore options with the Practicum Director well in advance of the term in which they propose to engage in these practicum activities. To register, students need permission from the Practicum Director and must have a cumulative grade point average of 2.75.

Required Core Courses for Practicum:
15 credit hours of core IDS courses, including:

IDS-1100(6)	Introduction to International Development Studies
IDS-2110(3)	Participatory Local Development* (or the former IDS-3110(3))

CRS/IDS-4910(3)	Conflict and the Construction of the Other*
ECON-1102(3)	Introduction to Economics: Micro
ECON-1103(3)	Introduction to Economics: Macro

ITALIAN STUDIES (ITAL)

Updated January 23, 2017

Note: The department/program code ITAL replace the former code 21. Students cannot hold credit in ITAL-xxxx and the former 21.xxxx having the same course number (e.g., ITAL-1001(6) and 21.1001(6)).

Chair of Modern Languages & Literatures: Professor S.A. Viselli.

INTRODUCTION

The culture, history and language of Italy are centuries old. Italians have made major contributions to film, architecture, fine arts, music, food, fashion, sciences and technology. The large Italian diaspora has caused Italian - often considered one of the most romantic and melodic of languages - to become one of the most widely spoken languages in the world.

The Department of Modern Languages and Literatures offers Italian language and culture courses at the introductory and intermediate level. Student0008 45 -1.153 StudenhS .9(l2 Ttae0iModerJ 267.1(heoderJ 267.b2(1u2 -1.1f Stu r)-10 Ita)]T9 19. -27.01 Ttf 19.015 -1.s TDa

DEGREES/PROGRAMS OFFERED

3-Year BPHE
4-Year BKin.
4-Year BKin. (Sport Coaching)
4-Year BSc. (Exercise Science)
4-Year BSc. (Athletic Therapy)

MISSION

Our mission is to provide an environment where students in Kinesiology and Applied Health can pursue their potential through our commitment to excellence in teaching, research, and community service.

INTRODUCTION

Kinesiology is the art and science of human movement from a psychological, sociological, biological, mechanical and physiological perspective. Professionals in the field of Kinesiology are interested in enhancing sport performance; the promotion of physical literacy; the technical and tactical aspects of coaching; the short and long term effects of exercise; and the impact of physical activity on society.

The Bachelor of Physical and Health Education, The Bachelor of Kinesiology or Bachelor of Science degrees focus on areas related to health and fitness, exercise prescription, motor behaviour, sport science, sport and exercise psychology, physical activity and aging, adapted physical activity for individuals with mental and physical disabilities, sport management and athletic therapy.

KIN 3103(3) Adapted Physical Activity
KIN 3305(3) Physical Activity: Promotion and Adherence

6 credit hours from:

KIN-2104(3) Outdoor Recreation and Education (all years)
KIN-2206(3) Movement Education (early/middle years)
KIN-2207(3) Physical Growth and Motor Development (all years)
KIN-2400(3) Teaching Games for Understanding (middle/senior years)

Minimum of 9 additional credit hours from:

KIN-1200(3) Principles in Coaching
KIN-1302(3) Teaching Individual Physical Activities or KIN-1303(3) Teaching Team Physical Activities
KIN-2111(3) Coaching and Teaching Basketball 1
KIN-2112(3) Coaching and Teaching Volleyball 1
KIN-2109(3) Instructing Sport and Physical Activities

6 credit hours from:

KIN-2101(3) Program Planning in Sport
KIN-2200(3) Issues in Sport
KIN-2501(3) Nutrition for Health and Wellness
KIN-3201(3) Biomechanics
KIN-3208(3) Physical Activity and Aging
KIN-4104(3)†Coac 0

REQUIREMENTS FOR A 4-YEAR BACHELOR OF KINESIOLOGY

ADMISSION REQUIREMENT	Students are advised to consult with a member of the Department in planning their course of study.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in desifs in

Research Design and Methods Requirement

Choose 3 credit hours from:

PSYC-2102(3)**	Introduction to Research Methods (prereq. PSYC-1000(6), PSYC-2101(3))
SOC-2126(3)**	Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)
IDS-3920(3)**	Action Research Methods (prereq. IDS-1100(6) or CRS-1200(6) or permission)
CJ-2101(3)**	Research Method in Criminal Justice (prere. CJS-1101(6))
WGS-3200(6)**	Feminist Research Methodologies Seminar (prereq. WOM-1232(6) or permission of Program Coordinator)

** Courses with prerequisites

REQUIREMENTS FOR A 4-YEAR BA CHELOR OF KINESIOLOGY (SPORT COACHING)

ADMISSION REQUIREMENT	Students are advised to consult with a member of the Department in planning course of study.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
GENERAL DEGREE REQUIREMENT	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Indigenous:	3 credit hours in designated Indigenous requirement courses
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

STAT-1302(3)** Statistical Analysis ll (prereq.STAT 1301(3))
STAT-1501(3) Elementary Biological Statistics I
** Courses with prerequisites

Research Design and Methods Requirement
Choose 3 credit hours from:
PSYC-2102(3)**

Statistics Requirement
Choose at least 3 credit hours from:

Research Design and Methods Requirement

Choose at least 3 credit hours from:

PSYC-2102(3)	Introduction to Research Methods (prereq. PSYC-2101(3) or STAT-1501(3))
SOC-2126(3)	Introduction to Research Design and Qualitative

INTERDISCIPLINARY LINGUISTICS (LING)

Updated Jan 25, 2017

Coordinator: G. Fulford; Faculty: Professors: P. Greenhill, Z. Izydorczyk, L. Rodriguez;
Associate Professors: G. Fulford, J. Machin-Lucas, K. Malcolm, I. Roksandic, S. Tulloch (as of July 1, 2017), T. Whalen; Assistant Professors: A. Desroches, K. Lovrien-Meuwese, J. Newmark, J. Simpson

DEGREES/PROGRAMS OFFERED

3-Year BA
4-Year BA
Honours BA
Minor

INTRODUCTION

Linguistics examines the complexities of language use in daily communication in various social and cultural contexts. Its major subdisciplines include phonetics and phonology, morphol

Upper-Level Courses:

Students in the Interdisciplinary Linguistics Program, are encouraged to take 2000, 2100, 2300 and 2400-level courses in their second year of studies and 3000, 3100, 3200, 3300 and 3400-level courses in their third year. The numbers and their order are significant in these courses. The first digit on the left represents the year of the course. This is true for all courses. If the second digit from the left is a 0, the course focuses primarily on language structure (e.g. 2001); if the second digit from the left is a 1, the course examines the use of language in the context of culture (e.g. 2101); if the second digit from the left is a 2, the course is a special studies or apprenticeship course, with a unique focus determined each year by the instructor (e.g. 3201); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German or Spanish.

Students registering in second-, and third-year-level courses may wish to consult with the course Instructor. All students registering in fourth-year/honours-level courses and/or declaring their major in Linguistics must have written approval from the Coordinator to register.

While fourth-year/honours-level courses are part of the Honours program, some students in the general program may be qualified to take them. Students who wish to take fourth-year/honours-level courses must have an overall GPA of at least 3.0 in the Linguistics courses that they have completed. In addition, they require written permission from the Program Coordinator or their designate to register.

REQUIREMENTS FOR A 4-YEAR BA IN INTERDISCIPLINARY LINGUISTICS

ADMISSION REQUIREMENT	Students are urged to consult with the Coordinator in planning their studies. Minimum 30 credit hours completed previously.
GRADUATION REQUIREMENT	120 credit hours
RESIDENCE REQUIREMENT	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

GENERAL DEGREE REQUIREMENT

Upper-Level Courses:

Students in the Interdisciplinary Linguistics Program, are encouraged to take 2000, 2100, 2300 and 2400-level courses in their second year of studies and 3000, 3100, 3200, 3300 and 3400-level courses in their third year. The numbers and their order are significant in these courses. The first digit on the left represents the year of the course. This is true for all courses. If the second digit from the left is a 0, the course focuses primarily on language structure (e.g. 2001); if the second digit from the left is a 1, the course examines the use of language in the context of culture (e.g. 2101); if the second digit from the left is a 2, the course is a special studies or apprenticeship course, with a unique focus determined each year by the instructor (e.g. 3201); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German or Spanish.

Students registering in second-, and third-year-level courses may wish to consult with the course Instructor. All students registering in fourth-year/honours-level courses and/or declaring their major in Linguistics must have written approval from the Coordinator to register. Students who wish to take fourth-year/honours-level courses must have an overall GPA of at least 3.0 in the Linguistics courses that they have completed. In addition, they require written permission from the Program Coordinator or their designate to register.

Additional Information :

Students must consult with the Program Coordinator in planning their curriculum and completing the required Permission forms at each registration . A minimum 3.0 GPA in 4000, 4100 and 4200-level courses is required; students lacking the requisite 3.0 GPA must consult the Program Coordinator regarding eligibility/permission.

REQUIREMENTS FOR AN HONOURS BA IN INTERDISCIPLINARY LINGUISTICS

ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours are at the 4000 level

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

MAJOR REQUIREMENTS

Required Courses:

Introduction to Linguistics LING-1001(6)
6 credit hours from LING-2000 series
6 credit hours from LING-2100 series
9 credit hours from LING-3000, 3100, 3200, 3300, 3400 series
9 credit hours from LING 4000, 4100 or 4200 series

First-Year Course:

For prerequisites for other 4000-level courses, see individual course descriptions.

4000, 4100 and 4200-Level Courses
Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the Program Coordinator or designate concerned regarding eligibility to take 4000-level courses). Permission of the Program Coordinator or designate is required for each 4000, 4100 and 4200-level course.

COURSE LISTINGS

Please Note: The courses listed in the left column have no relation to those listed on the same line in the right column.

LIST A - Basic Courses

	In English
LING-1001(6)	Introduction to Linguistics
LING-2001(3)	Phonetics and Phonology
LING-2002(3)	Morphology
LING-2003(3)	Syntax
LING-2004(3)	Semantics
LING-2101(3)	Language and Culture
LING-2102(3)	Linguistic Anthropology
LING-2103(3)	Languages of the World
LING-2208 (3)	Greek and Latin in Today's English
LING-3001(6)	Textual Analysis
LING-3002(3)	Discourse Analysis
LING-3006(3)/4006(3)	Language Typology
LING-3101(3)	Registers of Our Daily Life
LING-3102(3)/4102(3)	Indo-European Linguistics & Mythology
LING-3103	Sociolinguistics
LING-3104 (3)/4104 (3)	Indigenous Languages of South America
LING-3105(3)	Speech and Language Disorders in Children
LING-3201(3)	Special Studies
LING-4001(3)	History of Linguistics

MATHEMATICS (MATH)

Updated Jan 20, 2017

Note: The department/program code MATH replaces the former codes 32. Students cannot hold credit in MATH-xxxx and the former 32.xxxx having the same course number (e.g., MATH-1101(6) and 32.1101(6)).

Chair: R. Stokke; Professors: J. Currie, V. Linek, O.R. Oellermann, A. Stokke, R. Stokke, T. Visentin; Associate Professors: J.

INTERNATIONAL DEVELOPMENT STUDIES

IDS-1100 (6) Introduction to International Development Studies (3 hrs Lecture) Persistent poverty and discrimination, rising inequality and environmental stress, vulnerability to violence and disaster-these problems challenge people around the world. Imagine yourself as an agent of change, seeking ways to live justly and peacefully with others and the earth. Where would one look for ideas? This course introduces students to the concepts and critical tools needed to understand a range of approaches to change, both conventional and transformative. Students learn to pose and answer questions about current development challenges, and to analyze examples of successful and unsuccessful development at the global, national, and community levels.
Restrictions: Students may not hold credit for this course and MSC-2201.

IDS-1200 (3) Global Citizenship (3 hrs Lecture) In this course students trace the historical development of the ideal of "global citizenship," interrogatingthe meanings, contradictions and contentions associated with this term. Through guest peakers and student research on specific issues and injustices that are present in Manitoba communities, and which also have global connections and manifestations, students examine current practices aimed at fostering global citizenship. The future of concepts of or related to global citizenship is address by analyzing the rights of democratic citizenship and asking how such rights should be articulated and advanced.
Cross-listed: HR-1200(3).
Restrictions: Students may not hold credit for this course and HR-1200 | HRGS-1200.

IDS-1250 (1.5) Experience in Global Citizenship (1.5 hrs Workshop) This highly experiential course offers students an opportunity to explore the ideas, practice and ethos of global citizenship through reflecting on their own engagement (work, activism, or other life experience) with issues of social justice, human rights and democratic citizenship. The course is structured as a series of reflective interactive workshops conducted either on campus or in off-campus settings. The workshops introduce participants to multiple "communities" within Manitoba, and challenge perceptions of local and global realities.
Cross-listed: HR-1250(1.5)
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HR-1250.

IDS-2110 (3) Participatory Local Development (3 hrs Lecture) Poverty, inequality, gender discrimination, top-down decision making, inadequate technology, and conflict all prevent communities from meeting their development goals. This course prepares students to facilitate local development through participatory approaches that build community and capacity at a local level. Approaches examined include participatory assessments, microfinance, community-supported agriculture, and indigenous natural resource management.
Restrictions: Students may not hold credit for this course and IDS-3110 | MSC-2110.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2130 (6) A History of the Developing World (3 hrs Lecture) This course examines the historical roots of development and underdevelopment, processes that have led to the emergence of the developing world or Third World as a distinctive, though diverse region. It surveys trends such as colonization, industrialization, militarization and trade in the South from the 15th to the 20th century. It investigates the ways in which both external pressures and internal dynamics have contributed to continuity and change in these regions. This course will help students to understand the historical context for contemporary changes in developing countries, as well as the context in which particular development theories and practices emerged.
Cross-listed: HIST-2130(6).
Restrictions: Students may not hold credit for this course and HIST-2130.
Requisite Courses: IDS-1100 or HIST-1010 or permission of the instructor [prerequisite(s)].

IDS-2131 (3) Rural Development (3 hrs Lecture) This course examines changes to rural society and economy in the South (Africa, Asia, and Latin America) brought about historically by colonialism, and more recently through modern development efforts. The course begins by considering how colonialism and expansion of capitalism reoriented agriculture and rural society towards a more global focus. Modern development efforts are then evaluated in light of their impact on rural economy and society. Discussion then highlights the impact of agrarian reform, technological change, and domestic government policies on economic development and social differentiation. Both gender and environmental issues will be interwoven throughout the course, and efforts will be made to draw connections with rural change in Canada.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2160 (3) Indigenous People and the Industrial State (3 hrs Lecture) The course considers the situation of Indigenous peoples in the regions of Africa, the Americas, Asia and the Pacific. While these people have distinct cultural histories, their relations to nation-states are similar in important ways. Tensions between indigenous people and the industrial state centre on such issues as external market dependency, diversification, and size of the government sector. Students critique standard definitions of progress and efficiency. The implications of contemporary industrial development projects for the future of human societies are studied within the framework of the primal insights, values and definitions shared by Indigenous peoples throughout the globe.
Cross-listed: ANTH-2160(3).
Restrictions: Students may not hold credit for this course

and ANTH-2160.
Requisite Courses: IDS-1100, ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IDS-2171 (3) Crisis, Humanitarian Aid and Development (3 hrs Lecture) Today disasters 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. Humanitarian aid is an important response to disasters and an increasing part of international development aid. This course identifies the main organizations providing humanitarian aid, and examines their efforts to improve aid quality and their own accountability. It also explores the ways in which humanitarian aid can help to reduce vulnerability to hazards and enhance, rather than undermine, capacities for development.
Requisite Courses: Successful completion of 6 credit hours [prerequisite(s)]; IDS-1100 (recommended to be taken previously or at the same time as this course).

IDS-2182 (3) Current Issues in International Development (3 hrs Lecture) This course focuses on current issues in International Development Studies, examining an issue of public debate or of emerging significance. The course may be repeated for credit when the topic varies. Contact the International Development Studies program for information about the topic in semesters when this course is offered.
Requisite Courses: You must successfully complete 6 credit hours, or in the absence of the prerequisite, permission of the instructor is required; IDS-1100(6) is recommended [prerequisite(s)].

IDS-2183 (3) African Development Issues (3 hrs Lecture) This case study course will survey a subset of the theories, processes, policies and practice of development and underdevelopment in the diverse and complex context of Africa. In the face of intensifying global capital processes and declining humanitarian efforts, many African communities and countries face serious challenges. While exploring development problems and possible solutions, this course will also highlight the tremendously rich and diverse cultural, social and economic experience of African peoples and communities.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2186 (3) Selected Topics: Regional Development Issues (2 hrs Lecture | 1 hrs Seminar/Discussion) This course focuses on the development and conflict challenges faced by a designated region of the world. It examines solutions put forward by communities, organizations, and governments from that region, as well as those of external development actors. In surveying those problems and solutions, the course highlights the distinctive character and experiences of the region, as well as its internal diversity. The course also identifies development concepts, practices and theories that have emerged in the designated region. Students may repeat this course for credit, provided the region of focus varies.
Requisite Courses: 6 credit hours successfully completed or permission of instructor [prerequisite(s)]; IDS-1100 (recommended to be taken previously or at the same time as this course).

IDS-2443 (3) Conflict and Development Issues in Indigenous Communities (3 hrs Lecture) Within the broad frameworks of international development and conflict resolution studies, this course explores the dynamics of indigenous people globally, with special reference to the Canadian context. The course describes key elements of indigenous cultures and world views. It examines inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment are presented in order to understand the indigenous communities' social, economic, and political situations. Strategies for community development and conflict resolution will be highlighted as means to achieve transformation.
Cross-listed: CRS-2443(3).
Restrictions: Students may not hold credit for this course and CRS-2443.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-2521 (3) Voluntary Simplicity (3 hrs Lecture) Development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within community. This course examines the concept, theory, and practice of voluntary simplicity as a means of development for individuals seeking alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions, with special emphasis on the relevance of simplicity to building emotional well-being, vibrant community, sustainable environment, and social justice.
Cross-listed: ENV-2521(3).
Restrictions: Students may not hold credit for this course and ENV-2521.
Requisite Courses: IDS-1100 or ENV-1600 or permission of the instructor [prerequisite(s)].

IDS-2603 (3) Environmental Sustainability: A Global Dilemma (3 hrs Lecture) This course focuses on environmental factors relevant to understanding and implementing sustainable development. Its aim is to teach students to understand and appreciate fundamental ecological principles within the context of social values and technological constraints. Moreover, the course seeks to equip students to assess environmental problems from an interdisciplinary perspective, and to develop strategies that might solve these problems. Topics or issues that may be addressed include ecosystem dynamics; feedback in environmental processes; the concepts of carrying capacities and population thresholds; optimum yield theory; loss of biodiversity; over-consumption and overpopulation; deforestation, desertification, and pollution; energy demand versus supply; urbanization trends; global warming; ozone layer depletion; resource management, conservation and recovery; and environmental monitoring and impact assessment.
Cross-listed: ENV-2603(3).
Restrictions: Students may not hold credit for this course and ENV-2603.
Requisite Courses: IDS-1100 or ENV-1600 or permission

of the instructor [prerequisite(s)].

IDS-2804 (3) Global Perspectives on Aboriginal Societies, Spiritualities, and the Environment (3 hrs Lecture) This course explores the spiritual traditions of aboriginal cultures throughout the world. For example, we examine the role of elders and shamans in various aboriginal societies, their understandings of the environment in which they live, and their various expressions of spirituality. The course discusses the recognition of aboriginal rights at the United Nations and its implications for preserving land, cultures and spiritualities. Finally, students reflect on the effect of development on Indigenous lands and how that is affecting aboriginal societies and their traditional belief systems.
Cross-listed: REL-2804(3).
Restrictions: Students may not hold credit for this course and REL-2804.

IDS-3101 (3) Development Ethics (3 hrs Lecture) This course examines the ethical questions posed by development thinking and practice. It introduces frameworks for ethical decision-making in development. Using specific examples, the course explores questions like: How are decisions about goals of development made? How are the costs of development distributed? What are acceptable methods in development activity, and who rightfully leads or engages in this activity? How far do answers to such questions differ between cultures and ideologies, and is agreement on these answers either possible or desirable?
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3111 (3) Development Aid Policy and Practice (3 hrs Lecture) This course identifies actors in the international development aid system, and their evolving models and methods of aid delivery. Students compare the activities of donor governments, both new and established, and those of inter-governmental organizations. Specific examples are used to scrutinize the impacts of aid-funded projects and programs, and to examine the problems of aid effectiveness and accountability. Students also explore debates about aid's contribution to equitable and sustainable development.
Restrictions: Students may not hold credit for this course and MSC-3201.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3141 (3) The Participatory Community Economy (3 hrs Lecture) This course examines theories of the community economy and analyzes strategies of community economic participation. The study of the community economy is rooted in both liberal (e.g. institutional economics) and critical literature (e.g. neo-Marxist, social movement theory). Particular theories come from community economic development; institutional economics; cooperation and cooperative theories; social economy; and natural resource management. Particular strategies include micro-financial services, asset building, micro-enterprise development, social enterprise, cooperative development, and community-based natural resource management. This course builds on theories of community development, participation, and social capital.
Requisite Courses: IDS-2110 (or the former IDS-3110) and ECON-1104 or permission of the instructor [prerequisite(s)].

IDS-3150 (3) Mennonite Community and Development (3 hrs Seminar/Discussion) This course analyzes the experiences of the Mennonite community in service and peace work. It highlights the values, approach, and methods particular to Mennonite humanitarian work. The Mennonite tradition of holistic development emphasizes individual transformation (providing the tools for indigenous development) and social transformation (involving all peoples in creating local, national, and global systems that are just). The work of Mennonite organizations such as the Mennonite Central Committee and the Mennonite Economic Development Agency, of ecumenical organizations such as the Canadian Foodgrains Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.
Cross-listed: MENN-3150(3).
Restrictions: Students may not hold credit for this course and MENN-3150.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3160 (3) Cultural Perspectives on Global Processes (3 hrs Lecture) The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we discern the linkages among some of the main processes at work in 'global systems.' Main processes include communications, transportation, migration, capital, manufacture of export goods, non-state political organizations, and environmental and human health research. The emphasis is on how two or more of these interact. Third, we discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships are chosen in response to interests of those taking the course, and are developed by group reading and discussion, and individually in term paper projects.
Cross-listed: ANTH-3160(3).
Restrictions: Students may not hold credit for this course and ANTH-3160.
Requisite Courses: IDS-1100 or ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IDS-3182 (3) Selected Topics in International Development Studies (3 hrs Lecture) This course presents an in-depth view of a particular problem in development, using theoretical and/or applied concepts. The nature and range of topics covered will depend upon the instructor. Please see the IDS Program for a specific course description. This course may be repeated for credit when the topic varies.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3193 (3) Directed Readings in International Development Studies (3 hrs Directed Reading) In this course, readings and assignments in the area of International Development Studies will be arranged

between an individual student and the instructor.
Restrictions: Instructor Permission Required.
Requisite Courses: IDS-1100 and permission of the instructor [prerequisite(s)].

IDS-3194 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3195 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3196 (1.5) Practicum in International Development Studies (1.5 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3197 (1.5) Practicum in International Development Studies (1.5 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3198 (6) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3199 (3) Practicum in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This course is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves volunteer work with a relevant local or international agency, exposing students to actual work settings where they will experience new cultural, social and economic situations. Students integrate theory with practice through seminar participation and academic assignments.
Restrictions: Perm - MSC Pract Dir Required.
Requisite Courses: 15 credit hours of Core IDS courses, permission of the Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

IDS-3210 (3) Community Organizing (3 hrs Seminar/Discussion) This course examines a range of strategies for promoting change in urban settings. Students study theories and historical examples of various kinds of community organizing. Local, national and international cases are examined. Examples may include, but are not limited to: neighbourhood-level organizing; feminist approaches to organizing; forms of civil disobedience; lobbying; use of the media in community organizing. Students work in groups to design specific community organizing strategies.
Cross-listed: UIC-3210(3).
Restrictions: Students may not hold credit for this course and UIC-3210.
Requisite Courses: UIC-2001 or UIC-2210 or IDS-2110 [prerequisite(s)].

IDS-3901 (3) Humanitarian Aid and Conflict: Do No Harm (3 hrs Lecture) This course focuses on the problems of providing assistance in complex emergencies, where armed conflict has generated crises requiring a humanitarian response. It covers the nature of contemporary armed conflict, the actors involved in

responding to complex emergencies, and the many dimensions of humanitarian aid and intervention. Through analysis of aid's impacts on the conflict and its effectiveness at meeting human needs, the course explores models of humanitarian assistance that minimize negative impacts.
Cross-listed: CRS-3901(3).
Restrictions: Students may not hold credit for this course and CRS-3901.
Requisite Courses: IDS-1100 or CRS-1200 plus 45 credit hours of university credit or permission of the instructor [prerequisite(s)].

IDS-3910 (3) Peace Theory and Practice (3 hrs Lecture) This course investigates theories of peace. Theories of war and the practice of warfare have been studied a great deal; theories of peace and the practice of peace have been studied less. The course begins with attempts to define peace - a task as difficult as that of defining war and conflict-by drawing on key studies by peace research scholars like Galtung, Reardon and Elshtain. The course is conducted in a modified seminar format (half the course in large group format, the remainder utilizing small group problem-based learning).
Cross-listed: CRS-3910(3).
Restrictions: Students may not hold credit for this course and CRS-3910.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-3920 (3) Action Research Methods (3 hrs Lecture) This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the fields of international development and conflict resolution studies. The course emphasizes attitudes and skills necessary to conduct participatory action research. Topics and techniques covered in the course include planning for research, proposal writing, sampling strategies, interviewing and focus group techniques, life history, photovoice and participatory video, integrating qualitative and quantitative methods, and post-field work activities.
Cross-listed: CRS-3920(3).
Restrictions: Students may not hold credit for this course and CRS-3920.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-4100 (3) Senior Seminar in International Development Studies (3 hrs Project / Thesis) In this capstone seminar students compare cross-disciplinary and discipline-based approaches to various international development issues. They also explore solutions to the problem of integrating development theory and practice. Students articulate their own understanding of development on the basis of critical reflection on examples of successful and unsuccessful development. The seminar includes critical reflection on students' experiences with

KIN-2200 (3) Issues in Sport (3 hrs Lecture) This course focuses on political, ethical, social and cultural issues related to sport organization, implementation, or participation. Students are challenged to assess current issues such as fair play, drug abuse, human rights, etc. and develop perspectives and strategies based on an appreciation of historical, philosophical, and moral considerations.
Requisite Courses: A minimum of 30 credit hours including KIN-1101(3) or KIN-1200(3) [prerequisite(s)].

KIN-2202 (3) Prevention and Care of Sport Injuries (3 hrs Lecture | 3 hrs Lab) This course examines techniques and strategies for the prevention and immediate care of athletic injuries. As a requirement of the course, students must obtain certification in Standard First Aid and CPR Basic Rescuer. Students completing the course have the opportunity to certify in Level I and II of the Provincial Athletic First Aider Program. This course can be used toward the Science requirement.
Requisite Courses: KIN-2301 [prerequisite(s)]; KIN-2202L (lab) (must be taken concurrently).

KIN-2204 (3) Human Physiology (3 hrs Lecture | 3 hrs Lab) This course examines the physiological processes of the major effector organ system (cardiovascular, digestive, muscular, respiratory, and renal) that maintain homeostasis within the human body. Regulation of homeostasis by control systems (nervous and endocrine) is also explored. This course can be used toward the Science requirement.

disease prevention. Topics include the major nutrients, Canadian nutritional standards and guidelines. This course is particularly useful for students who intend to become physical education teachers, coaches, and athletic therapists. This course can be used toward the Science requirement.

KIN-2502 (2) Athletic Taping and Splinting Techniques (3 hrs Lecture) In this course, the student will study the theoretical bases and learn the application of various taping and splinting techniques in sport. The student will develop proficiency in the advanced techniques of taping the foot, ankle, knee, hip and upper limb. The student will also be introduced to techniques in splinting and bracing including foot orthotics, knee braces, and specialized splints.

KIN-2503 (3) Athletic Taping and Splinting Techniques (3 hrs Lecture) In this course, the student studies the theoretical bases and learns the application of various taping and splinting techniques in sport. The student develops proficiency in the advanced techniques of taping the foot, ankle, knee, hip and upper limb. The student is also introduced to techniques in splinting and bracing including foot orthotics, knee braces, and specialized splints.
Requisite Courses: KIN-2202 and KIN-2301 with a minimum grade of B, or permission of the instructor [prerequisite(s)].

KIN-2511 (3) Coaching and Teaching Basketball II (3 hrs Lecture) This course focuses on the coaching and teaching of basketball team offensive and defensive skills. Game strategies, practice and game preparation will also be examined. Students will be given the opportunity to assist coaches in the public school setting as well as to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-2111 or permission of the instructor [prerequisite(s)].

KIN-2512 (3) Coaching and Teaching Volleyball II (3 hrs Lecture) This course focuses on the coaching and teaching of volleyball team offensive and defensive skills. Game strategies and practice preparation will also be examined. Students will be given the opportunity to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.
Requisite Courses: KIN-2112, or permission of the instructor [prerequisite(s)].

KIN-2850 (3) The Classical Roots of Medical Terminology (3 hrs Lecture) This course considers serveral of the most important ancient medical writers (Soranus, Celsus, and Galen, among others), their historical works, and contributions to ancient and modern medicine and medical terminology. Knowledge of medical terminology equips students for a variety of fields. This course also lays out the most important Greek and Latin roots of the vocabulary of contemporary medicine and demonstrates the predictable patterns by which these roots combine, introducing students to the concept of building language using root words, prefixes and suffixes. Students learn to define new compounds and phrases by analysis of their parts.
Cross-listed: CLAS-2850(3).
Restrictions: Students may not hold credit for this course and CLAS-2850.

KIN-3060 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.
Cross-listed: ANTH-3262(3)and CLAS-3060(3).
Restrictions: Students may not hold credit for this course and ANTH-3262 | CLAS-3060.

KIN-3103 (3) Adapted Physical Activity (3 hrs Lecture)
Cross-listed:

facilitated with the use of therapeutic modalities including ice, heat, muscle stimulation, ultrasound, and lasers.
Requisite Courses: KIN-3505 and a minimum grade of B in KIN-2301 and KIN-2202 or permission of the instructor [prerequisite(s)].

KIN-3201 (3) Biomechanics (3 hrs Lecture | 3 hrs Lab)
This course employs mechanical and neuromuscular principles in the qualitative and quantitative analysis of human movement. Laboratory work examines two-dimensional kinematics and kinetics.
Restrictions: Students may not hold credit for this course and KIN-2201.
Requisite Courses: KIN-2301 [prerequisite(s)]; KIN-3201L (lab) (must be taken concurrently).

KIN-3206 (3) Directed Studies (3 hrs Directed Reading)
Students wishing to pursue topics of special interest at an advanced level may do so in consultation with and under the supervision of a faculty member.
Note: Permission of the Department Chair is required.
Restrictions: Department Permission Required.

KIN-3208 (3) Physical Activity and Aging (3 hrs Lecture)
The course introduces students to theories, concepts, and issues associated with the effects of physical activity on adult development and aging. Course content includes how systems age, exercise prescription and physical activity program design and delivery for older populations. Students are required to participate in an 8 hour community practicum experience related to aging and physical activity.
Requisite Courses: KIN-2304 or permission of the instructor [prerequisite(s)].

KIN-3256 (3) Honours Thesis I (3 hrs Lecture) This course is designed for students wishing to pursue topics of special interest at an advanced level for completion of an Honours degree in Kinesiology. Consultation and approval from an honours supervisor in the faculty is required prior to registration.
Restrictions: Department Permission Required.

KIN-3304 (3) Advanced Resistance Training (3 hrs

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Requisite Courses: KIN-23d (and KIN-33he) Tj -72.9 -10.5 Tor [prerequisite(s)].

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Requisite Courses:

KIN-3504 (3) Sport First Responder (3 hrs Lecture) In this course, students study the essentials of emergency care and develop the skills required to effectively respond to a medical emergency, particularly as it relates to the sport environment. Topics include field evaluation of traumatic injuries, primary and secondary survey, airway management, and neurological, internal and orthopaedic injuries.

KIN-3256(3). Requirement: Permission from the Honours supervisor in the faculty of Kinesiology [prerequisite(s)].

KIN-4301 (3) Applied Human Anatomy (3 hrs Lecture) The course focuses on the functional aspects of human anatomy. Topics include applied neuroanatomy surface anatomy, arthrokinematics, muscular synergies in movement and palpatory skills. The course is particularly useful for students interested in Athletic Therapy, personal fitness training and other related medical fields.
Requisite Courses: KIN-2301, KIN-3201 and KIN-2204, or BIOL-1112 [prerequisite(s)].

KIN-4500 (6) Athletic Therapy: Practicum III (3 hrs Apprenticeship/Internship/Practicum) This course provides both on-field and clinical experience in athletic therapy under the appropriate supervision. Student learns to apply the theoretical knowledge of injury prevention and management techniques from KIN 3500 in a field setting with high impact or collision sports. Students assume an extended leadership role within their field placement and demonstrate advanced injury prevention, assessment and treatment strategies. Students also work concurrently in a clinical setting where they practice advanced assessment and rehabilitation techniques associated with KIN 4501. Clinically, the student is expected to progress to self-directed management of patients including enhanced understanding and application of therapeutic modalities and rehabilitation techniques. This course can be used toward the Science requirement.
Note: Proof of registration with the Canadian Athletic Therapists' Association and the Manitoba Athletic Therapists' Association must be provided to the practicum coordinator prior to obtaining permission to take the course.
Restrictions: Instructor Permission Required.
Requisite Courses: Minimum grade of B in KIN-2500 and KIN-3502 and proof of registration with the Canadian Athletic Therapists' Association and the Manitoba Athletic Therapists' Association must be provided to the practicum coordinator prior to obtaining permission to take the course [prerequisite(s)].

KIN-4501 (3) Sports Injuries of the Spine (3 hrs Lecture | 3 hrs Lab) The student studies injuries incurred to the cervical, thoracic and lumbar spine including joints, ligaments, discs and surrounding musculature. The brain and skull are also studied. Topics include anatomy, mechanisms of injury, signs and symptoms, assessment techniques, treatment and rehabilitation.
Requisite Courses: KIN-3501 and KIN-3502 with a minimum grade of B or permission of the Instructor [prerequisite(s)]; KIN-4501L (lab) (must be taken concurrently).

KIN-4502 (3) Drugs and Ergogenic Aids in Sport (3 hrs Lecture) This course examines the historical and

LINGUISTICS

LING-1001 (6) Introduction to Linguistics (3 hrs Lecture) This course introduces students to the nature of human language and linguistic research. The aim is to familiarize students with the properties of language by focusing on the following core areas: phonetics and phonology (sound structure), morphology (word structure), syntax (sentence structure), semantics (the structure of meaningful categories) and pragmatics (the use of language in specific social and cultural contexts). Other topics covered include language acquisition, language variation, and language change. A variety of languages are used for illustration.
Restrictions: Students may not hold credit for this course and ANTH-2022 | FREN-2022 | LING-1200.

LING-2001 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones and phonological rules. Although the course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.
Cross-listed: ANTH-2401(3) and ENGL-2803(3).
Restrictions: Students may not hold credit for this course and ANTH-2401 | ENGL-2803.

LING-2002 (3) Morphology (3 hrs Lecture) This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.
Cross-listed: ANTH-2402(3) and ENGL-2805(3).
Restrictions: Students may not hold credit for this course and ANTH-2402 | ENGL-2805.

LING-2003 (3) Syntax (3 hrs Lecture) Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.
Cross-listed: ANTH-2403(3) and ENGL-2802(3).
Restrictions: Students may not hold credit for this course and ANTH-2403 | ENGL-2802.

LING-2004 (3) Semantics (3 hrs Lecture) This course offers an introduction to the basic concepts and methods in the analysis of natural language meaning. Students examine current approaches and assess their merit. Approaches to be covered may include structuralist semantics, cognitive semantics, referential semantics, and radical pragmatics.
Cross-listed: ANTH-2405(3) and ENGL-2806(3).
Restrictions: Students may not hold credit for this course and ANTH-2405 | ENGL-2806.

LING-2101 (3) Language and Culture (3 hrs Lecture) The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective. The course also examines language and dialects related to various registers, such as student-teacher classroom exchange, job interviews, work talk, and casual conversation. To examine the differences in these registers, functional and systemic perspectives of communication linguistics are introduced.
Cross-listed: ENGL-2804(3) and ANTH-2406(3).
Restrictions: Students may not hold credit for this course and ANTH-2406 | ENGL-2804.

LING-2102 (3) Method and Theory in Linguistic Anthropology (3 hrs Lecture/Seminar) This course

addition to a thorough study of the formation of nouns, verbs, and adjectives from their Greek and Latin component parts, we will examine the Greek script, principles of transliteration, medical and scientific Greek, words from Greek mythology and society, Roman numerals, legal Latin, abbreviations of Latin words in common use, Latin mottoes and proverbs, and unusual plural forms in English. No knowledge of Latin or Greek is required.
Cross-listed: CLAS-2800(3).
Restrictions: Students may not hold credit for this course and CLAS-2800.

LING-2301 (3) Phonetics (3 hrs Lecture | 3 hrs Lab) This course presents the theory and practice of French phonetics and phonology. Theory covers the acoustics and physiology of speech, the International Phonetic Alphabet, the description of French vowels, consonants, articulation features (assimilation, liaison, etc.), and prosodic patterns (syllabation, rhythm, intonation, etc.). Practical applications include phonetic transcription, orthoepy (the relationship between pronunciation and orthography) and a lab program aiming at oral performance.
Cross-listed: FREN-2202(3).
Restrictions: Students may not hold credit for this course and FREN-2202.
Requisite Courses: FREN-21109(3), or placement test, or the former FREN-1112(6)or permission of the instructor [prerequisite(s)]; LING-2301L (Lab) (must be taken concurrently).

LING-2401 (3) German Phonetics (3 hrs Lecture) This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g., the use of pronunciation dictionaries), and material realizations in standard German. The theory covered includes the physiology of speech, the International Phonetic Alphabet, as it relates to German, and phonetic transcription. Emphasis is placed on othoepy (the relationship between pronunciation and orthography) and on correcting the student's oral performance in German.
Cross-listed: GERM-2202(3).
Restrictions: Students may not hold credit for this course and GERM-2202.
Requisite Courses: GERM-2109 [prerequisite(s)].

LING-3001 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered approach to literary and non-literary discourse. Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and ornamenting (rhetoric). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.
Cross-listed: ENGL-3800(6) and ANTH-3405(6).
Restrictions: Students may not hold credit for this course and ANTH-3405 | ENGL-3800.

LING-3002 (3) Discourse Analysis (3 hrs Lecture) In this course students are introduced to phasal analysis, as well as several other advanced forms of analyses that discourse analysts use in their explanation of spoken discourse. In addition, students read articles through the term written by many of the internationally renowned discourse analysts and relevant to the analyses they are learning.
Requisite Courses: LING-3001 or ANTH-3405 or ENGL-3800 or permission of the instructor [prerequisite(s)].

LING-3006 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-4006(3), ANTH-3400 and ANTH-4400(3).
Restrictions: Students may not hold credit for this course and ANTH-3400.
Requisite Courses: ANTH-2400 or LING-2102 or permission of the instructor [prerequisite(s)].

LING-3101 (3) Registers of Our Daily Life (3 hrs Lecture) Students are introduced to issues involved in the research being done by linguists, text analysts, discourse analysts, and sociolinguists concerning various types of institutional discourse. They are required to carry out a research project on a register of their choice. Experimental investigations and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.
Cross-listed: ANTH-3407(3), ENGL-3814(3).
Restrictions: Students may not hold credit for this course and ANTH-3407 | ENGL-3802.
Requisite Courses: LING-2101 or ANTH-2406 or ENGL-2804 [prerequisite(s)].

LING-3102 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-4102(3), ANTH-3406(3) and ANTH-4406(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3406 |

ANTH-4406 | LING-4102.

LING-3103 (3) Sociolinguistics (3 hrs Lecture)
Sociolinguistics is the systematic study of language as a social phenomenon with a focus on the relationship between language and various social variables such as age, class, ethnicity and gender. This course examines language variations on regional (regional dialects), social

Studies courses, or permission of the instructor [prerequisite(s)].

LING-3311 (6) Comparative Stylistics and Translation (3 hrs Lecture) In this course, French is studied by being contrasted with English in a comparative lexicology and comparative grammar approach. Linguistic divergence is examined at the lexical level (e.g. semantic values, stylistic variants, linguistic interference), the grammatical and syntactic levels (e.g. gender, modifiers, modal auxiliaries, word order), and the pragmatic level, with a focus on cultural strategies (e.g. sentence segmentation into translation units, modulation, grammatical transposition). Translation strategies are explored so as to address the distinctive lexical, grammatical, syntactic, and pragmatic features of each language.
Cross-listed: FREN-3311(6)
Restrictions: Students may not hold credit for this course and FREN-3111.
Requisite Courses: You musr successfully complete 6 credit hours in French Studies courses; including 3 credit hours in 2000-level language, or obtain permission of the instructor [prerequisite(s)].

LING-3401 (3) German Lexicology (3 hrs Lecture) This course focuses on the German lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g., acronyms, derivatives), to identify their basic components (e.g., prefixes, suffixes), and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.
Cross-listed: GERM-3403(3).
Restrictions: Students may not hold credit for this course and GERM-3403.
Requisite Courses: 12 credit hours in 2000-level German Studies courses, or permission of the instructor [prerequisite(s)].

LING-3405 (3) The Acquisition of German as an Additional Language (3 hrs Lecture) A language may be learned at home, in the classroom or on the street. But how do babies make sense of the sounds around them so they can effectively communicate? Why is it difficult for older learners to acquire a second language? Are there secrets for second-language learning? In this course students explore the learning and teaching of German as an additional language. Students also critically examine their own language acquisition as they strive to understand how languages are learned, with an end toward improving their own language skills.
Cross-listed: GERM-3858(3).
Restrictions: Students may not hold credit for this course and GERM-3858.
Requisite Courses: GERM-2109 and any 3 credit hours in 2000-level German Studies courses except GERM-2001 [prerequisite(s)].

LING-3505 (3) History of the Spanish Language (3 hrs Lecture) This course traces the development of the Spanish language from its Latin origins to its modern-day dialects in Spain and the Americas. It examines both the internal evolution of the Spanish Language(its phonetics, phonology, morphology, syntax, semantics, and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of Spanish in different eras are studied. Special attention is paid to the appearance of cognate words shared by Spanish and English.
Cross-listed: SPAN-3301(3).
Restrictions: Students may not hold credit for this course and SPAN-3301.
Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

LING-4001 (3) History of Linguistics (3 hrs Lecture) In this course students explore the history of linguistics from Panini, Plato, and Aristotle before the common era, through the centuries until the nineteen sixties. Theorists considered may include Thrax, Priscian, Sweet, Jespersen, Humboldt, Malinowski, Bloomfield, Sapir, and Saussure.
Cross-listed: ANTH-4403(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4403 | ENGL-4801.
Requisite Courses: ANTH-3405 or LING-3001 or ENGL-3800 and permission of the Program Coordinator [prerequisite(s)].

LING-4002 (3) Contemporary Linguistic Theory (3 hrs Lecture) In this course students explore several contemporary linguistic theories such as Gregory and Malcolm's communication linguistics; Halliday's systemic functional linguistics; Pike's tagmemics; Lamb's stratificational linguistics; and Chomsky's transformational generative grammar as well as its development in government binding theory. In addition certain theories are introduced which explore the relationship between linguistics, society and culture. Examples include pragmatics and linguistic anthropology.
Cross-listed: ANTH-4402(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4402.
Requisite Courses: Permission of the Program Coordinator and LING-3001 or ANTH-3405 or permission of the instructor [prerequisite(s)].

LING-4003 (3) Topics in Linguistics (30 hrs Lecture) This course offers upper-level instruction in a variety of linguistically related topics. The specific focus of the course varies from year to year with the instructor. It may, for instance, focus on the work of an important linguist, a particular linguistic theory, or advanced studies in areas of syntax, lexicography, phonology, etc.
Note: Permission of the Program Coordinator plus a minimum of 18 credit hours from list A and 6 credit hours from list B or in the absence of these courses permission of the Instructor is required.
Restrictions: Honours Form Required.
Requisite Courses: Permission of the Program Coordinator plus a minimum of 18 credit hours from List A and 12 credit hours from List B or permission of the instructor [prerequisite(s)].

LING-4004 (3) Honours Thesis (3 hrs Thesis) In this course students engage in a summative investigation of a topic of their choice. They choose texts to analyze, undertake the analysis and apply releveant research methods, and research data bases as appropriate. They write an academic research paper, submit an abstract to the Student's Linguistic Colloquium and finally revise their paper for presentation. Through the process, students meet with a supervising professor to determine primary objectives, establish a schedule of work and assignments, and evaluate all of the steps in the process.
Note: Permission of the Program Coordinator plus a minimum of 18 credit hours from list A and 6 credit hours from list B or in the absence of these courses permission of the Instructor is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Honours Form Required.

LING-4005 (3) Semiotics and Structuralism (3 hrs Lecture) This course provides a theoretical overview of semiotics (the study of signs and of sign systems) and structuralism (a specific method of analyzing texts). Readings include selected works by Saussure, Peirce, Jakobson, Barthes, Derrida, Lévi-Strauss and others. Special emphasis is given to Lévi-Strauss' structural analysis of myths. Through a variety of projects, students learn how to apply Lévi-Strauss' method to segment related myths and other texts into discrete units of plot, organize these into concordances, and determine patterns of syntagmatic and paradigmatic association. The strengths and weaknesses of this method are also discussed.
Cross-listed: ANTH-4401(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4401.
Requisite Courses: Permission of the Program Coordinator and LING-2102 or ANTH-2400 or permission of the instructor [prerequisite(s)].

LING-4006 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-3006(3) and ANTH-3400 and ANTH-4400(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3400 | LING-3006.

LING-4025 (3) Indigenous Languages: Culture, Rights and Conflict (3 hrs Seminar/Discussion) Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students and overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.
Cross-listed: IS-4025(3)
Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4025.
Requisite Courses: IS-1015 or IS-1016 and IS-1017 [prerequisite(s)].

LING-4101 (3) Topics in Language, Culture, and Communication (3 hrs Lecture) This course offers instruction in current issues related to the interrelationship between language, culture, and communication. The specific focus of the course varies from year to year with instructor.
Note: Permission of the Program Coordinator and the Instructor, plus LING-2101(3) and LING-3001(6) or in the absence of these courses permission of the Instructor is required. Students must have a GPA of at least 3.0 in Linguistics.
Restrictions: Department Permission Required.
Requisite Courses: LING-2101 and LING-3001 and permission of the Program Coordinator [prerequisite(s)].

LING-4102 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo- European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto- culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.
Cross-listed: LING-3102(3), ANTH-3406(3) and ANTH-4406(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3406 | ANTH-4406 | LING-3102.

LING-4104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of

endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.
Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-3104(3), and IS-3104(3).
Restrictions:

MATHEMATICS

MATH-0031 (0) Math Access for Early/Middle Teachers (3 hrs Lecture | 1.25 hrs Lab) This course covers selected topics from the K-12 math curriculum in preparation for the course MATH-2903. Topics include the real number system, integer and fraction arithmetic, proportions and percentages, exponents, the distributive property, solving linear equations, basic geometry, the Pythagorean theorem and the Cartesian coordinate system. A grade of C+ or higher in this course can be used to satisfy the prerequisite for MATH-2903 but this course cannot be used as a prerequisite for MATH-0042 or any other mathematics course.
Note: This is a non-credit course offered over 12 weeks.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-0031L (lab) (must be taken concurrently).

MATH-0041 (0) Mathematics Access I (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from school math courses. Topics include the real number system, integer and fraction arithmetic, exponents and radicals, polynomial arithmetic and algebraic expressions, rational expressions, equation-solving techniques, coordinate geometry, lines, functions, and geometry of right-angled triangles. A grade of C+ or higher in this course can be used in lieu of an Applied Math 40S prerequisite for MATH-2903. The two courses, MATH-0041 AND MATH-0042 can be used in lieu of Pre-Calculus 40S Mathematics for all university prerequisites. This course may be audited by students who have passed Applied Math 40S, Pre-Calculus 30S or Pre-Calculus 40S.
Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course.
Requisite Courses: MATH-0041L (lab) (must be taken concurrently).

MATH-0042 (0) Mathematics Access II (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from high school pre-calculus courses. Topics include the binomial theorem, fractional equations, factorization of polynomials, the Fundamental Theorem of Algebra, synthetic division, complex numbers, inequalities, relations and functions, exponential and logarithmic functions, circular functions, trigonometry and sequences and series. This course can be used in lieu of Pre-Calculus 40s Mathematics for all university prerequisites. This course may be audited by students who have passed Pre-Calculus 40S.
Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course.
Requisite Courses: A minimum grade of 65% in Pre-Calculus 30S or MATH-0041 or permission of the Department Chair [prerequisite(s)]; MATH-0042L (lab) (must be taken concurrently).

MATH-1101 (6) Introduction to Calculus (3 hrs Lecture | 1.25 hrs Lab) This course covers calculus of a function of one variable. Topics covered include limits, continuity, differentiation and integration of elementary functions (algebraic, exponential, logarithmic, trigonometric and inverse trigonometric), indeterminate forms and l'Hospital's Rule, and improper integrals. Applications covered include maximization and minimization problems, related rates, curve sketching, area, volume, and arc length. Notes: The material covered in this course is equivalent to the combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II. Students who have not obtained a minimum grade of 60% in Pre-Calculus 40S are strongly advised to take MATH-0042 Mathematics Access II prior to registering in MATH-1101(6).
Restrictions: Students may not hold credit for this course and MATH-1102 | MATH-1103.
Requisite Courses: ntroduction to Calculus II.Cj 0 -ertanhtro

MATH-1101 (0) IBsic guction to(Trminatl
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Restrictions: Students may not hold credit for this course and MATH-11021| MATH-1103.
Requisite Courses:

Theorem, Stokes' Theorem, and the Divergence Theorem); Fourier series and other topics in harmonic analysis.
Requisite Courses: MATH-2106 [prerequisite(s)].

MATH-3104 (3) Methods in Partial Differential Equation (3 hrs Lecture) This is an introductory course on Partial Differential Equations that focuses on solutions using analytic and numerical methods, with applications in physics, chemistry, and biology. Topics include: first-order equations; classification and solution of second-order partial differential equations (elliptic, parabolic, hyperbolic); initial-value and boundary- value problems, Sturm-Liouville systems, and Green's function methods. Also, numerical methods for solving partial differential equations are introduced.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-2106 and MATH-2102 or PHYS-2105 and PHYS-2106 [prerequisite(s)]; MATH-2103 (recommended to be taken previously or at the same time as this course).

MATH-3202 (3) Group Theory (3 hrs Lecture) This course studies symmetry groups of regular polygons and Platonic solids, permutations and permutation groups; abstract groups, cosets, homomorphisms, subgroups, normal subgroups and quotient groups; isomorphism theorems, Sylow theorems, classification of finitely generated Abelian groups; group actions and counting with Burnside's lemma.
Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.
Requisite Courses: MATH-1401 and MATH-2203 or the former MATH-2221 or the former MATH-2201 [prerequisite(s)].

MATH-3203 (3) Linear Algebra III (3 hrs Lecture) This course introduces students to inner product spaces; properties of Hermitian and normal matrices; unitary matrices; factorization theorems; Schur's Theorem; the Spectral Theorem; the Cayley-Hamehv.siTheorem; and quadratic forms. At the discretion of the instructor, other advanced topics in linear algebra may be covered.
Requisite Courses: MATH-1401 and MATH-2203 (or the former MATH-2201) [prerequisite(s)].

MATH-3401 (3) Graph Theory (3 hrs Lecture) This course includes the following topics: graph isomorphism, shortest path problem, Euler tours, trees, graph colourings and bipartite matchings.
Restrictions: Students may not hold credit for this course and MATH-2011.
Requisite Courses: MATH-1401 or permission of the instructor [prerequisite(s)].

MATH-3402 (3) Combinatorics (3 hrs Lecture) This course includes the following topics: generating functions and recurrence relations, the principle of inclusion and exclusion, symmetric groups, finite fields, and combinatorial designs.
Restrictions: Students may not hold credit for this course and MATH-2022.
Requisite Courses: MATH-1401 and one of MATH-1102 or MATH-1101 or MATH-1103 or MATH-1104 [prerequisite(s)].

MATH-3412 (3) Introduction to Operations Research (3 hrs Lecture) This course provides a practical introduction to the formulation and solution of some economics and industrial problems using Operations Research models. It emphasizes model-building and problem-solving using computer packages. Topics covered are chosen from linear programming, transportation, assignment and transshipment problems, network models, integer programming, nonlinear programming, decision making, inventory models, and queuing theory.
Cross-listed: STAT-3412(3).
Restrictions: Students may not hold credit for this course and STAT-3412.
Requisite Courses: MATH-1201 or MATH-2201 or ECON-3201 or permission of the instructor [prerequisite(s)].

MATH-3611 (3) Mathematical Statistics I (3 hrs Lecture) The course provides students with a firm foundation in probability theory, which is necessary for a complete understanding of any advanced statistics. Topics include counting, joint and conditional distributions, random variables, and special distributions.
Cross-listed: STAT-3611(3).
Restrictions: Students may not hold credit for this course and STAT-3611.
Requisite Courses: STAT-1301 and STAT-1302 or the former STAT-1201, or both STAT-1501 and STAT-1601 or STAT-2001, and MATH-2106 or the former MATH-2101 [prerequisite(s)].

MATH-3612 (3) Mathematical Statistics II (3 hrs Lecture) This course studies the continuous probability distributions and their general properties, distributions of functions of random variables, sampling distributions, including t and F and introduction to estimation and theory of hypotheses testing.
Cross-listed: STAT-3612(3).
Restrictions: Students may not hold credit for this course and STAT-3612.
Requisite Courses: MATH-3611 or STAT-3611 [prerequisite(s)].

MATH-3701 (3) Numerical Methods (3 hrs Lecture with variable meeting hours) Methods for finding roots of functions, numerical differentiation and numerical integration, interpolation and polynomial approximation, solving systems of equations, and solving the initial value problem in ordinary differential equations are studied in this course. Computer programming is used to implement the relevant numerical algorithms.
Requisite Courses: MATH-2102, MATH-2106 (or the former MATH-2101) and MATH-1201 (or the former MATH-2201) or MATH-2203 or the former MATH-2201 [prerequisite(s)].

MATH-4001 (3 or 6) Directed Readings in Mathematics (3 hrs Directed Reading) This is a reading course available only to students in their third or fourth

year. A topic is arranged by mutual written agreement between the student and a Supervisor. The student is required to meet the Supervisor weekly.
Note: Students must have a minimum GPA of 3.0 in all mathematics courses, at least one 3000-level course and written permission of the instructor and the Department Chair.
Restrictions: Department Permission Required.
Requisite Courses: A minimum GPA of 3.0 in all Mathematics courses, at least one 3000-level Mathematics course and written permission of the instructor and the Department Chair [prerequisite(s)].

MATH-4003 (3) Topics in Mathematics (3 hrs Lecture) This course covers an area in mathematics as selected by the instructor. Possible topics may be in algebraic combinatorics, functional analysis, Galois theory, representation theory, or advanced topics in combinatorics, graph theory, measure theory, or topology. Students should consult the instructor or Department Chair for the current topic. This course may be repeated for credit when the topic varies.
Restrictions: Department Permission Required.

MATH-4101 (3) Complex Analysis (3 hrs Lecture) This course studies construction of the complex numbers from the reals, Cauchy's theorems, Laurent Series, evaluating line integrals by means of residues, Cauchy-Riemann equations, conformal mapping, harmonic functions, Riemann sphere, Riemann surfaces, analytic continuation and monodromy theorem.
Restrictions: Students may not hold credit for this course and MATH-3102.
Requisite Courses: MATH-2106 or permission of the instructor [prerequisite(s)].

MATH-4202 (3) Rings and Fields (3 hrs Lecture) This course is a study of field axioms, finite and infinite fields, integral domains, fraction fields, division rings, abstract rings, polynomial rings, PID's and UFD's, Galois Theory; solvability of cubic and quartic, unsolvability of the quintic and other classical mathematical problems.
Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.
Requisite Courses: MATH-3202 [prerequisite(s)].

MATH-4401 (3) Advanced Graph Theory, Networks and Combinatorial Optimization (3 hrs Lecture) Topics in this course are chosen from algorithmic complexity and problem classification, trees, distance invariants, Steiner trees, network flows and their applications, PERT networks, connectivity, optimal matchings, packings and coverings, colourings, perfect graphs and graph classes, planar graphs, extremal graph theory, and Ramsey theory.
Restrictions: Students may not hold credit for this course and MATH-3013.
Requisite Courses: MATH-3401 [prerequisite(s)].

MATH-4403 (3) Set Theory (3 hrs Lecture) This course introduces concepts of set theory essential to modern mathematics. Topics include axioms for sets, infinite sets, cardinality, ordinal and cardinal numbers, and ordered sets.
Restrictions: Students may not hold credit for this course and MATH-2402 | MATH-3402 | MATH-3601.
Requisite Courses: MATH-1401 and one of MATH-3401, MATH-3402, MATH-2201, MATH-2203, MATH-2501 [prerequisite(s)].

MATH-4601 (3) Introduction to Topology and Analysis (3 hrs Lecture) In this course the basic concepts of topology are studied in the setting of metric spaces: open sets, convergence, continuity, connectedness, compactness, and completeness. The emphasis will be on Euclidean spaces, normed linear spaces, and function spaces, where the concepts of topology apply to mathematical analysis. Connections with and applications to analysis will be emphasized throughout, such as the monotone convergence theorem, the intermediate value property, the Heine-Borel property, Baire category, uniform boundedness, and the fixed-point property for complete metric spaces.
Restrictions: Honours Form Required. Students may not hold credit for this course and MATH-3232 | MATH-3601.
Requisite Courses: MATH-3101 [prerequisite(s)].

MATH-4602 (3) Real Analysis (3 hrs Lecture) Topics covered in this course will include normed linear spaces, Banach spaces and Lp spaces, Lebesgue measure and integration. This course will also cover classical results such as the Stone-5T8irs,racs theoremsand the fAsoloi sTeorem.
Restrictions: Students may not hold credit for this course and MATH-3162.
Requisite Courses: MATH-2301 (3ust he etakn
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Restrictions: Stude
and MATH-3162.
Requisite Courses:

designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. Topics covered include rational numbers and decimals, prime and composite numbers, Fundamental Theorem of Arithmetic, greatest common divisors, lowest common multiples, Euclidean algorithm, Pythagorean Theorem, irrational numbers and problem solving.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-5041 [prerequisite(s)].

MATH-5043 (3) Geometry, Measurement, and Statistics (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. Topics covered include points, lines and planes, units of measurement, properties of polygons, circles and solids, transformations, probability and data analysis.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MATH-5044 (3) Problem Solving and Algebra (3 hrs Lecture) This course is a post-baccalaureate course designed to give K-8 classroom teachers a thorough understanding of topics in the K-8 curriculum and to link those concepts to topics covered in later years. The focus is on developing symbolic manipulation and problem solving techniques. Topics covered include algebra techniques, modeling real-world situations with mathematics, standard and non-standard problem-solving methods, including Singapore bar-model technique, and developing word problems for K-8 students.
Note: Students must hold a B.Ed and be a classroom teacher. Student who do not hold a B.Ed at the time of registration may not receive credit for this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MATH-5042 [prerequisite(s)].

MENNONITE STUDIES

MENN-2101 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.
Cross-listed: HIST-2108(3)and REL-2363(3).
Restrictions: Students may not hold credit for this course and HIST-2108 | REL-2363.

MENN-2102 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.
Cross-listed: HIST-2109(3).
Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | REL-2364.

MENN-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world. Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.
Cross-listed: HIST-2131(3), CRS-2131(3).
Restrictions: Students may not hold credit for this course and CRS-2131 | HIST-2131.

MENN-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of aboriginal, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.
Cross-listed: HIST-2132(3) and CRS-2132(3).
Restrictions: Students may not hold credit for this course and CRS-2132 | HIST-2132.

MENN-3000 (6) Special Topics in Mennonite Studies (3 hrs Tutorial) This tutorial is designed to enable students to follow an aspect of Mennonite Studies in depth. The topic should be selected in consultation with the Professor. Offered on an individual basis to advanced students at the discretion of the Chair in Mennonite Studies.

MENN-3102 (3) Luther, Zwingli and Radical Reformers (3 hrs Lecture) This course deals with the relationship between the objectives and methods of the "mainline" reformers of the sixteenth century (mainly Luther and Zwingli) and those of the "radical" reformers (such as Thomas Müntzer, Andrew Carlstadt, and the Anabaptists), and assesses the historical results of this relationship.
Cross-listed: HIST-3216(3).
Restrictions: Students may not hold credit for this course and HIST-3216.

MENN-3108 (3) Gender and Mennonites (3 hrs Lecture) This course will examine the role of women and of men in the evolving Mennonite society. It will trace these gender roles amongst the Radical Anabaptists of Western Europe, the agrarian Mennonite communities in Russia and North America, and the modern, urban centres in North America. The course will examine patriarchal structures of Mennonite households, churches, and communities, but also focus on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity will receive special attention. Gender will also be traced through the Mennonite life-cycle, commencing at childhood and tracked through times of youth, marriage, mid-age and retirement. The course will examine how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.
Cross-listed: HIST-3108(3).
Restrictions: Students may not hold credit for this course and HIST-3108.

MENN-3110 (3) Russia and the Mennonites (3 hrs Lecture) This lecture/seminar course deals with the history of the Mennonites in Imperial Russia and the Soviet Union from 1789 to 1989. Cultural, economic, and religious developments of the so-called 'Mennonite Commonwealth' in the nineteenth century and of the far-flung Mennonite communities in the Soviet Union during the twentieth century are emphasized and analyzed.
Cross-listed: HIST-3110(3).
Restrictions: Students may not hold credit for this course and HIST-3110 | MENN-3203.

MENN-3111 (3) Conflict and Mennonites (3 hrs Lecture) This course deals with the Anabaptist and Mennonite understanding and experience of pacifism throughout the centuries, with special emphasis on their dealings with nation-states, church schism, ethnic relations, and domestic abuse.
Cross-listed: HIST-3111(3).
Restrictions: Students may not hold credit for this course and HIST-3111.

MENN-3114 (3) Latin America and the Mennonites (3 hrs Lecture) This lecture/seminar course is a study of the founding and development of Mennonite communities in Central and South America. The focus is on problems European and Canadian Mennonites faced (and still face) in their attempt to establish an existence and identity in a predominantly Latin world. The course contrasts these conservative Mennonites to the more radical communities composed of indigenous Latin American Mennonites. In particular, it compares the manner in which the two groups

of Mennonites have responded to the social and economic issues of Latin America.
Cross-listed: HIST-3114(3).
Restrictions: Students may not hold credit for this course and HIST-3114 | MENN-3101.

MENN-3116 (3) Mennonites and World Issues (3 hrs Lecture) This lecture/seminar course studies Mennonite responses to the wider world, and examines changes that have taken place among Mennonites with regard to world issues over the course of history. These issues include: urbanization, environmentalism, poverty, mass culture, the communications revolution, the global economy, and family life. An emphasis is placed upon the Twentieth Century World.
Cross-listed: HIST-3116(3).
Restrictions: Students may not hold credit for this course and HIST-3116 | HIST-3301.

MENN-3126 (3) Environmental History & the Mennonites (3 hrs Lecture) This course takes a global perspective on environmental history, especially as it relates to nature and food production. Its focus is on 20th century, a time of immense change in agriculture and horticulture. It considers how new technologies, science, government policies and global markets related to local cultures, especially to religion and ethnicity. While global in nature, the course focuses on specific farm communities around the world. Particular attention is given to ways different kinds of "Mennonite" communities, with their ideas on non-violence and simplicity, related to land and nature.
Cross-listed: HIST-3126(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-3126.

MENN-3128 (3) Indigenous-Mennonite Relations (3 hrs Lecture) Indigenous-Mennonite Relations examines the history of the encounters between Indigenous societies

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Restrictions: Students may not hold credit for this course and HIST-31268

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Restrictions: Students may not hold credit for this course and HIST-3541.

MENN-4535 (6) Immigration and Ethnicity in Canada and the United States (3 hrs Seminar/Discussion) This research seminar examines the history of immigration to North America between 1860 and 1960. The course focuses on the nature of migration patterns and the adaptation of immigrants to the new world, especially the rise of ethnic identities. The course discusses the

MODERN LANGUAGES & LITERATURES

MOD-1101 (6) Introduction to Dutch Language and Culture (3 hrs Lecture | 1 hrs Lab) Dutch is spoken not only in The Netherlands, but around the world and even in Canada. Winnipeg itself is home to a large Dutch migrant population. This course in Dutch language and culture is designed for students who have no previous knowledge of the language and who wish to acquire a command of written and spoken Dutch and knowledge of Dutch culture. Its aim is to provide a solid base in vocabulary, grammar, pronunciation and cultural knowledge. Regular oral practice and computer exercises supplement the course and give the student additional practice in Dutch.
Note: Native Dutch speakers are not eligible to take this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: MOD-1101L (lab) (must be taken concurrently).

MOD-2710 (3) Literature in Translation (3 hrs Lecture) This course focuses on modern non-English literary texts in English translation. Readings may be organized around a genre such as the novel; a critical approach such as post-colonialism or cultural studies; a period such as Romanticism; or specific literary traditions in languages such as French, German, Spanish, and Italian. Students should consult the Department of Modern Languages and Literatures for a description of the current offering. This course may be repeated for credit when the topic varies.
Cross-listed: ENGL-2710(3).
Restrictions: Students may not hold credit for this course and ENGL-2710 | SPAN-2710.
Requisite Courses: FREN-2180, SPAN-2180, GERM-2209, or 6 credit hours of first-year English [prerequisite(s)].

MULTIDISCIPLINARY

MULT-0999 (1) Junior Research Scholar (Variable Meeting Hours) This course is designed for students wishing to gain experience in university research prior to commencing their university program. Students work with a university professor on a mutually agreeable research topic. The course is offered on a pass/fail basis. This course may be repeated to a maximum of 3 credit hours in total. Restriction: This course may be used as an elective credit towards a degree, but is not intended to meet major requirements of General Degree requirements for any program.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Instructor Permission Required.

MULT-1000 (3) Introduction to University (3 hrs Lecture) This course serves as a prepatory course for university studies or as a support course taken concurrently with initial enrolment. Students become familiar with the nature and demands of university study, and acquire personal strategies and attitudes that enhance their first-year experience and their ability to function effectively in a university environment. Students also develop practical and effective learning, study, and time management skills, and learn how to apply strategies to aid in the writing of tests and exams. There are opportunities to practice such as note-taking, organizing information, essay writing, public speaking and class participation, and conducting research.

MULT-1005 (6) Concepts in Science (3 hrs Lecture) This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component.
Cross-listed: BIOL-1005(6) and PHYS-1005(6).
Restrictions: Students may not hold credit for this course and BIOL-1005 | PHYS-1005.

MULT-1200 (3) Walls-To-Bridges: Studing Together At Corrections Facilities (3 hrs Lecture) Grounded in lived realities of criminalization and imprisonment, this course is offered at the correctional sites on various topics. Classes bring together campus-enrolled and incarcerated students. Emerging out of the American Inside-Out model, the Canadian Walls to Bridges program (W2B) engages with Freirian principles and Indigenous pedagogy, and anti-racist practice. The course is taught by W2B trained University of Winnipeg faculty. Students are interviewed before they are given permission to take the course.
Note: This course may be repeated for credit when the topic varies. Restriction: Students must receive clearance from the corrections facility where the course is being held.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Instructor Permission Required.

MULT-2119 (3) Summer Institute in Diseases and Policy (2 hrs Lecture | 1 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions engender dialogue. Principles of "Responsibility to Protect" and "Strategic Engagement" are explored in developing public policy, to entrench global health and the other noble values. Assignments differ at each level. This course can be repeated for credit when the topic varies.
Cross-listed: BCHM-2119(3).
Restrictions: Instructor Permission Required. Students may not hold credit for this course and MULT-4119.
Requisite Courses: 30 credit hours in an undergraduate program; including at least 3 credit hours of 2000 level (or higher) in Biology, or permission of the instructor [prerequisite(s)].

MULT-2219 (3) Health, Disease and Development (2 hrs Lecture | 1 hrs Seminar/Discussion) MULT-2219(3) Health, Disease and Development (Le2, S1) Students are taught by experts in domains of wellness, ill-health, disease, injury, mental health, etc.; especially as these impact the state of less priveleged and marginalized

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basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and BCHM-2219.
Requisite Courses: 30 credit hours in an undergraduate program, including at least 3 credit hours of 1000 level (or higher) Biology; or permission of the instructor [prerequisite(s)].

MULT-3001 (3) Ethics of Globalization (3 hrs Seminar/Discussion) This course examines the ethical bases and moral philosophical foundations which underpin and justify globalisation. Perspectives include Kantian theory, virtue theory, natural law theory, feminist ethics, utilitarian theory and Rawls' concepts of justice. We also examine current globalization assumptions and practices in terms of fundamental ethical principles, paying attention to a comparative analysis of Canadian and American experiences. Whenever possible, we attempt to examine, understand, and deal with non-Western standards of ethics including those of aboriginal groups and other cultures, traditions, and religions that possess ethical frameworks far different from those of the West.
Restrictions: Instructor Permission Required.
Requisite Courses: POL-2100, POL-2200, or PHIL-2200 [prerequisite(s)].

MULT-3900 (3 or 6) Topics in Multidisciplinary Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MULT-4119 (4.5) Summer Institute in Diseases and Policy (3 hrs Lecture | 1.5 hrs Seminar/Discussion) A team of professionals presents advances to students on biomedical, clinical, diagnostic, epidemiological, sociological, and other aspects of diseases and health conditions, including indigenous healing. The course evaluates their impacts on the well-being of the global populace. Human rights, aboriginal and indigenous issues, gender, sexuality, human potential, economics, business and development, etc, are addressed. Lectures and round table discussions

MUSIC

MUS-1011 (3) Ensemble Practicum I (Choral) (Apprenticeship/Internship/Practicum with variable meeting hours) Ensemble is a rehearsal and performance practicum designed to introduce and develop the art of ensemble performance in choral music. Students perform a broad range of literature in many public events throughout the year.
Note: Previous experience as a chorister in an ensemble, or permission of the instructor.

MUS-1015 (3) Ensemble Practicum (Instrumental) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year.
Note: Those without previous experience as an instrumentalist in an ensemble should contact the instructor.

MUS-1500 (3) Music Appreciation (3 hrs Lecture) Over a century before his famous novel Les miserable inspired the celebrated Broadway musical, Victor Hugo recognized the unique, expressive nature of music. This course explores as many different musical genres as possible in order to achieve a broad understanding of how music reflects culture and society and crosses artistic boundaries to express, as Hugo aptly articulated, "that which cannot be said and on which it impossible to be silent." The central objectives of this course are to encourage active listening skills and informed personal and communal responses to music through study of musical language, history, idioms, style, and trends.
Cross-listed: THFM-1500(3).
Restrictions: Students may not hold credit for this course and THFM-1500.

MUS-2011 (3) Ensemble Practicum (Choral) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year. This course may be repeated for credit once.
Note: those without previous experience as an instrumentalist in an ensemble should contact the instructor.
Cross-listed: THFM-2011(3).
Restrictions: Students may not hold credit for this course and THFM-2011.

PHILOSOPHY

PHIL-1001 (6) Introduction to Philosophy (3 hrs Lecture) This course is a historical introduction to basic philosophical problems and methods. It considers central questions in ethics, religion, politics, knowledge, and metaphysics, e.g., are humans selfish by nature? Is moral decision-making rational? Does God exist? What is the meaning of life? What are the principles of correct reasoning? Is knowledge the same thing as perception? Is the real world different from the world as it appears to us? What are space and time? Do we have free will, or are our choices completely deteremined by forces outside of us? Philosophers discussed may in clude: Plato, Aristotle, Aquinas, Descartes, Hume, and Kant.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-1002 | PHIL-1003.

PHIL-1002 (6) Values and the Human Condition (3 hrs Lecture) This course introduces philosophical inquiry by examining how some philosophers in the Western Philosophical tradition understand human nature and the values that provide competing accounts of how to live well. Questions addressed may include: What is it to be human? What is the good life? Are human beings uniquely rational? Are we inherently independent or social? Is human value dependent upon God? Do we have moral and/or political responsibilities? Can we acquire the knowledge we need to achieve the good life? Is there life after death? Philosophers may include: Plato, Aristotle, Aquinas, Mill, Kant, Kierkegaard, Sartre as well as contemporary philosophers.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-1001 | PHIL-1003.

PHIL-1301 (6) Introduction to Logical Reasoning (3 hrs Lecture) This course develops critical thinking skills that are indispensable to the study of most academic disciplines. It provides an understanding of basic logical principles, methods for analyzing and evaluating arguments, as well as strategies for constructing well-reasoned arguments. Arguments for analysis and practicing reasoning skills come from everyday life, academic disciplines, and the philosophical tradition. Topics may include: deductive and inductive reasoning, validity and soundness, inductive strength and cogency, formal and informal fallacies, argument mapping, categorical logic, Venn diagrams, truth tables, sufficient and necessary conditions, theories of truth, and essay writing.
Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.
Restrictions: Students may not hold credit for this course and PHIL-2301 | PHIL-2302.

PHIL-2002 (3) History of Philosophy: Classical (3 hrs Lecture) This course is the study of a limited but representative selection of classical philosophers, especially Plato and Aristotle. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

PHIL-2003 (3) History of Philosophy: Early Modern (3 hrs Lecture) This course is the study of a limited but representative selection of modern philosophers from the time of Descartes to the time of Kant. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

PHIL-2004 (3) History of Philosophy: 19th Century Continental (3 hrs Lecture) This course examines a limited but representative selection of Continental philosophers and themes from the 19th and 20th centuries. The philosophers may include such figures as Hegel, Schopenhauer, Comte, Marx, Kierkegaard, Nietzsche, and Bergson. Possible themes are the idea of historical development, the competing claims of the sciences and the humanities, the attack on reason and objectivity, the assertion of the primacy of the will, and the analysis of the human condition.

PHIL-2005 (3) History of Philosophy: Recent Anglo-American (3 hrs Lecture) This course examines a limited but representative selection of English-speaking philosophers and themes from the 19th and 20th centuries. The philosophers may include Mill, Bradley, James, Dewey, Royce, Collingwood, and Russell. Possible themes are theories of meaning and truth, the relation between perception and reality, the controversy between science and religion, and values in a social context.

PHIL-2010 (3) History of Philosophy: Existentialism (3 hrs Lecture) This course explores characteristic existentialist themes including notions of human freedom, anxiety, self-deception, authenticity, and the limits of meaning and knowledge. We consider such representative thinkers as Kierkegaard, Nietzsche, Heidegger, Sartre, de Beauvoir, and Camus.
Restrictions: Students may not hold credit for this course and PHIL-2007.

PHIL-2012 (3) History of Philosophy: Medieval Latin (3 hrs Lecture) This course examines selected philosophical works in the Latin traditions from the time of Augustine to the end of the 14th century. Topics in moral and political philosophy, logic and metaphysics, epistemology, philosophy of science, and philosophical theology may be discussed. The influence of earlier Arabic and Hebraic thinkers on subsequent Latin philosophical thought is explored.
Restrictions: Students may not hold credit for this course and PHIL-3503.

PHIL-2020 (3) History of Philosophy: Renaissance (3 hrs Lecture) This course examines the philosophical thought of the European Renaissance, from 1400 to 1600. Themes include the Renaissance recovery of classical

Greek philosophy, the Renaissance interpretation and development of Arabic (Islamic and Judaic) philosophy, mathematics, science and Renaissance humanism. Authors include: Petrarch, Pico, Nicholas of Cusa, Marsillo Ficino, Erasmus, Thomas More, Bacon, Galileo, and Machiavelli.

PHIL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is a critique of attempts to give ethical justification for social institutions and practices. Why should one obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with

Note: This is a required course for the Environmental Studies degree.

PHIL-2234 (3) Philosophy of Nature (3 hrs Lecture) This course considers hypotheses about the nature of things as suggested by recent developments in the physical and biological sciences coupled with philosophical speculation. How have modern theories of evolution, relativity, genetics, biochemistry, quantum mechanics, electromagnetism, and nuclear physics altered our understanding of the origins and nature of the cosmos? In the light of scientific theory and speculation on such topics, the course reassesses philosophical theories about space, time, matter, and life.

PHIL-2240 (3) Indigenous Justice Issues (3 hrs Lecture) This course in applied political theory examines various moral and political issues that are the basis for present conflicts between Indigenous Peoples and the Canadian state. Indigenous and Western philosophies provide contexts for critically examining past and present relationships and for considering how to move into more just relationships. Topics may include: treaty rights, colonization, the Indian Act, residential schools, Aboriginal rights, racism, restorative justice, and the United Nations Declaration on the Rights of Indigenous Peoples.
Cross-listed: IS-2240(3).
Restrictions: Students may not hold credit for this course and IS-2240.

PHIL-2251 (3) Philosophy of the Natural Sciences (3 hrs Lecture) Key issues in understanding and evaluating the enterprise of natural science form the subject matter. Questions dealt with might include the following: Is there a scientific method? Can scientific theories be tested against experience? What are the criteria for the acceptability of scientific theories? Is induction reliable? What are the "laws of nature" and how can they be known? Is a true scientific theory simply a useful tool in our search for power over nature, or does it also provide us with an accurate description of the world we live in?

PHIL-2252 (3) Philosophy of the Social Sciences (3 hrs Lecture) The course will be concerned with understanding the social sciences and psychology, with special emphasis on methodological issues. Possible topics are the following: theory construction in the human sciences, the influences of ideologies upon the methods and findings of these disciplines, the problem of objectivity, types of explanation, and the relation between explaining, predicting, and engineering human behaviour. Is it reasonable to look for laws of human behaviour on the basis of which we can engage in utopian social planning?

and PHIL-2261.
Requisite Courses: A minimum 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3215 (6) Philosophy and Social Reality (3 hrs Seminar/Discussion) This course is an enquiry into the relationship between the individual and society as seen by some historically important Western philosophers. The examination of this relationship discloses the extent to which theories of knowledge, reality, values, and society are interdependent.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3301 (6) Argumentation (3 hrs Seminar/Discussion) This course studies the principles and techniques of the critical interpretation and evaluation of argumentation. Topics studied include normative rules of reasoned discussions useful to resolve conflicts of opinion, and violations of such rules, i.e. informal fallacies and other faults of argumentation.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3304 (3) Philosophy of Language (3 hrs Lecture) This course focuses on the theory of signs, symbols, and meaning in language. Does meaning lie in a relation between language sign and an object in the world, in a internal state of consciousness, or in the pragmatic context of language use? Attention is given to various kinds and functions of language: descriptive and evaluative discourse, the language of logic and mathematics; and argumentation and reasoning in natural language. Through a study of natural language and computer languages the course asks what, if anything, is distinctively human in our language and other symbol systems.
Restrictions: Students may not hold credit for this course and PHIL-2372.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3500 (3) Philosophical Perspectives (3 hrs Seminar/Discussion) This course studies historical works by selected philosophers. Each course coherently focuses on an important thinker, a movement or school of thought, their predecessors and historical impact, and with comparisons to other thinkers strikingly similar or opposed in doctrine. The course avoids excessive specialization, but is built around the conviction that one good way to get breadth of philosophical insight is to move deeply into the spirit and world view of the great philosophers. For details on the topic to be studied, please contact the Philosophy Department.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3502 (3) History of Philosophy: Medieval, Arabic and Hebraic (3 hrs Lecture) This course examines the medieval Arabic and Hebraic interpretations of Greek thought, and the philosophical dialogue between Islamic and Jewish philosophers, with particular emphasis on questions of the nature of philosophy, politics and theology. Authors include al-Kindi, Averroes, al-Ghas eNm.ga al-Ghas of Greek A minimum of 12 credit hours in

analysis; Oxford Linguistic Philosophy; pragmatism; and naturalism.
Restrictions: Students may not hold credit for this course and PHIL-4118.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3511 (3) Postmodern Philosophy (3 hrs Lecture) This course provides an overview of challenges to the philosophical tradition that developed in the twentieth century, including critiques of traditional notions and theories of epistemological and linguistic certainty, ethical and political normativity and justification, as well as the ideals of reason, truth, and progress. Thinkers discussed may include: Nietzsche, Heidegger, Kojève, Adorno, Horkheimer, Lyotard, Deleuze, Foucault, Derrida, and Rorty.
Restrictions: Students may not hold credit for this course and PHIL-4119.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3512 (3) Philosophy of Mind (3 hrs Lecture) This course examines key problems and developments in the philosophy of mind. Topics may include the mind-body problem; supervenience and reductionism; the nature of consciousness; theories of reference; subjectivity and self-knowledge; mental content and the nature of intentionality. Issues arising from cognitive science; neuroscience, and artificial intelligence may also be addressed.
Restrictions: Students may not hold credit for this course and PHIL-4276.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3513 (3) Topics in Ethics (3 hrs Lecture) This course critically examines a moral problem, theory, or theorist. Theorists may include: Plato, Aristotle, Locke, Hume, Mill, Kant, Moore, Anscombe, Nussbaum, Morito. Problems may include: notions of the good life, moral obligation, the scope of the moral community, the is/ought distinction, human rights.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3514 (3) Topics in Applied Ethics (3 hrs Lecture) This course systematically studies a contemporary ethical issue, exploring the ways contemporary philosophers attempt to resolve it. Topics may include: climate change and individual responsibility; entitlements of the poor and obligations of the rich; censorship and freedom of expression; crime and punishment; euthanasia; the right to privacy; employment and medical care; disability rights.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3515 (3) Topics in Political Philosophy (3 hrs Lecture) This course critically examines questions in political philosophy, both perennial and contemporary. Authors discussed may include: Plato, Aristotle, Hobbes, Rousseau, Locke, Mill, Marx, Rawls, Nozick, Strauss, Scruton, Taylor, Kymlicka, Turner. Problems may include: When are people a nation? When is a state illegitimate, Do the sovereignty claims of Indigenous Peoples trump those of nation states? What is a social contract? Do citizens have political obligations? Is democracy the only just form of government? Is civil society morally preferable to anarchy? What does justice require of a nation's economic and political institutions? What is the relationship between collective and human rights?
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3516 (3) Topics in Applied Political Philosophy (3 hrs Lecture) This course systematically studies a contemporary political question, exploring the ways in which contemporary philosophers have attempted to answer it. Topics may include, but are not limited to, duties of government and citizens; government intervention in the economy, including the collective bargaining process; security rights vs. liberty rights; genocide and state-sponsored terrorism; the treatment of linguistic and ethnic minorities; war and peace. Emphasis is on the theoretical resources that philosophers have available to them in thinking about the ideal society and forms of government.
Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

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knowledge and justification; foundationalism and coherentism; perception, introspection, and memory; and skepticism.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4265.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4267 (3) Topics in Metaphysics (3 hrs Lecture) This course involves a systematic study of a problem or set of problems in metaphysics. Topics may include the nature or categories of being; substance; modality; problems of space and time; and free will.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4265.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4277 (3) Topics in Analytic Philosophy (3 hrs Lecture) This course is the study of a problem or set of problems in contemporary analytic philosophy. It may include works by Frege, Russell, Moore, Wittgenstein, Quine, Davidson, Putnam, and Sellars.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4275.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4501 (3) Topics in Aesthetics (3 hrs Lecture) This course provides a systematic study of a problem or set of problems in philosophical aesthetics. Possible topics include: contemporary theories of art; the nature of beauty; problems in the interpretation of art. In a given year, the course may focus specifically on one art form, such as music, architecture, or film; it may be dedicated to a problem that crosses formal boundaries, such as expression, intention, or authenticaly; or it may critically assess the work of a given aesthetic theorist or movement, such as the British 18th century or Formalism; Kant, Collingwood, or Danto.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4502 (3) Special Topics Honours Seminar (3 hrs Seminar/Discussion) This course provides a forum for the close study of an area of philosophy that may not be covered by our regular course offerings, or that may reflect the current research interests of our facility. Topics may focus on a particular thinker of movement, a problem in philosophical method, or an emergent area of philosophical debate.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4503 (3) Topics in the History of Philosophy (3 hrs Seminar/Discussion) This course involves a detailed critical investigation of a major figure, movement, or period within the history of philosophy, with particular attention to those not covered in the regular courses at the earlier levels. Topics may include, for example, Platonism, Aristotelian commentators, ancient neo-Platonists, 18th century British Empiricism, German idealism, the Vienna Circle, or a systematic study of a particular thinker.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4504 (3) Topics in Social and Political Philosophy (3 hrs Seminar/Discussion) This course involves an investigation into contemporary problems or developments in social and political thought. Topics may include: classical political rationalism, Islamic political philosophy, multiculturalism, critiques of liberalism, contemporary Marxist debates, or problems of global justice and human rights. This course may equally concentrate on the work of a major figure, such as Taylor, Habermas, or Weil.
Restrictions: Honours Form Required.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4700 (3) Directed Individual Study (3 hrs Directed Reading) This course presents senior students with the opportunity for in-depth research and writing in a specific topic or problem area, selected by the student in consultation with a Faculty Advisor. The student will meet regularly with his/her Advisor to discuss the research in progress, and will submit a substantial paper on the topic at the end of term.
Note: A preliminary course description must be submitted in writing to the Instructor and Programme Advisor by the end of the first week of term.Only one Individual Study course may be taken for degree credit.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4800 (6) Honours Thesis (3 hrs Lecture) To complete the Honours BA, students must undertake, normally in the final year of their study, a programme of research under the supervision of a member of the department. The thesis provides the student with the opportunity to design and complete an original research project on a subject of interest and relevance to the discipline. Students wishing to enrol in this course must first consult with the Programme Advisor to determine a thesis topic. Submission of the student's final work is

followed by an oral examination.
Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.
Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHYSICS

PHYS-1005 (6) Concepts in Science (3 hrs Lecture) This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component.
Cross-listed: BIOL-1005(6) and MULT-1005(6).
Restrictions: Students may not hold credit for this course and BIOL-1005 | MULT-1005.

PHYS-1101 (6) Foundations of Physics I (3 hrs Lecture | 3 hrs Lab) This calculus-based course provides students with a working knowledge of the basic concepts underlying modern physics. Topics covered include the following: Introduction to Newtonian mechanics with special emphasis on the principles of conservation (i.e., energy and momentum); applications of Newtonian mechanics, including the simple harmonic oscillator and harmonic waves on a string; gravity theory, including planetary/satellite motion, escape velocity, gravity as curved spacetime and black holes; postulates of special relativity and their consequences; geometric optics applied to mirrors, lenses, and optical instruments; electromagnetic phenomena, including interference and diffraction; quantum behaviour, wave-particle duality, the uncertainty principle, atomic physics with applications to the laser.
Note: This course is intended primarily for Physics majors but is also useful preparation for entrance exams for professional programs.
Requisite Courses: Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)]; PHYS-1101L (lab) (must be taken concurrently); MATH-1101 or both MATH-1103 and MATH-1104 (must be taken previously or at the same time as this course).

PHYS-1301 (6) Introduction to Physics (3 hrs Lecture | 3 hrs Lab) This is a non-calculus course intended for pre-medical, pre-dental, and arts students. Topics include the following: mechanics, electric and magnetic fields, electric circuits, light, optics, Bohr theory, radioactivity, and nuclear reactions.
Note: In order for a student with credit in PHYS-1301(6) to proceed to further courses in Physics, he/she must have (a) permission of the Department and (b) standing in MATH-1101(6) or both MATH-1103(3) and MATH-1104(3).
Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; PHYS-1301L (lab) (must be taken concurrently).

PHYS-1701 (6) Astronomy (3 hrs Lecture) This course is a science elective intended for the liberal arts student. There is no formal laboratory, but there will be periodic observations and demonstrations. The topics include the following: stellar astronomy and stellar evolution, the solar system and its evolution, galaxies, and theories of the universe. There will also be an introductory treatment of the composition of matter, the nature of light, the principles

used in Physics. Topics covered include diagonalization of complex matrices, Fourier analysis, ordinary and partial differential equations, and special functions. The MAPLE symbolic algebra computer program is used throughout the course.
Restrictions: Students may not hold credit for this course and PHYS-2104.
Requisite Courses: PHYS-1101, and MATH-1101 or both MATH-1103 and MATH-1104, or PHYS-2105 [prerequisite(s)].

PHYS-2110 (3) Statics (3 hrs Lecture) This course provides an introduction to systems in static equilibrium. Topics covered include statics of particles, equivalent systems of forces, equilibrium of rigid bodies, centroids and centers of gravity, and analysis of complicated structures.
Requisite Courses: PHYS-1101 and MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)].

PHYS-2201 (6) Electricity and Magnetism (3 hrs Lecture | 3 hrs Lab) Topics covered in this course include: electrostatics, circuits, magnetic effects of a current, electromagnetic induction, properties of dielectric and magnetic materials, waves and optics.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2201L (lab) (must be taken concurrently); PHYS-2105 and PHYS-2106 (must be taken previously or at the same time as this course).

PHYS-2302 (6) Foundations of Physics II (3 hrs Lecture | 3 hrs Lab) This course contains a series of topics in physics which together with Foundations of Physics I, provide students with a broad understanding of physics. Topics include the following: rotation of rigid bodies, angular momentum, fluid mechanics, thermodynamics, special relativity, quantum mechanics, atomic physics, solid state physics, and nuclear physics.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2302L (lab) (must be taken concurrently); PHYS-2105 and PHYS-2106 (recommended to be taken concurrently).

PHYS-2502 (3) Radiation and the Environment (3 hrs Lecture | 3 hrs Lab) This course provides an overview of radiation in the environment and its effects on materials and living systems. Topics will include x-rays, ultraviolet, visible, infrared, microwave and radio-frequency emissions, acoustical and ultrasonic radiation, and alpha, beta, and gamma radiation from radioactive sources. Emphasis will be placed on the applications of radiation in the real world, including health and environmental issues.
Requisite Courses: Any core laboratory course in Biology, Chemistry, or Physics [prerequisite(s)].

PHYS-2503 (3) Medical Imaging (3 hrs Lecture) This course is an introduction to medical techniques, such as ultrasound, x-rays, CT scans, MRIs, and PET scans. The basics of how each technique works as well as what causes contrast in the images are explored, both qualitatively and quantitatively, using algebra and trigonometry. The suitability of each technique for imaging specific medical problems will be discussed.
Requisite Courses: CHEM-1111 and CHEM-1112, or PHYS-1101, or PHYS-1301 [prerequisite(s)].

PHYS-2530 (3) Industrial, Therapy & Imaging Apparatus (3 hrs Lecture) This course introduces the student to the principles of operation of radiation therapy simulation and treatment equipmnet. It focuses on design of equipment, physical processes involved in equipment operation and radiological imaging proceses. Practical reinforcements of princples are provided in a lab setting.
Note: Cancer Care Manitoba course.
Restrictions: Students may not hold credit for this course and CCMB-2530.
Requisite Courses: BIOL-1112, PHYS-1301 CCMB-2913, admission to the Radiation Therapy Program or permission of the instructor [prerequisite(s)]; CCMB-2913 (must be taken previously or at the same time as this course).

PHYS-2705 (6) Cosmology: Science Fact to Science Fiction (3 hrs Lecture) This course gives an introduction to the scientific study of the universe as a whole. Modern aspects of cosmological physics, not usually encountered in elementary physics courses, will be covered. These topics include the following: the standard scenario for early universe evolution; the triumph of big bang cosmology; the hierarchical nature of galaxy formation and clustering; the speed-of-light constraint on space travel and communication; the paradoxical nature of quantum physics; the existence of antimatter; the success of the Special Theory of Relativity; the description of gravity using Einstein's General Theory of Relativity; the characteristics of neutron stars, black holes, wormholes, cosmic strings and other astrophysical oddities; and the logic of spacetime topology of higher dimensions, of parallel universes, and of time travel. Finally, the course will consider how human beings and extraterrestrial life forms fit into the overall scheme of things. Although the subjects discussed will be conceptually sophisticated, the presentation will require minimal mathematical knowledge.

PHYS-2777 (3) The Study of Time (3 hrs Lecture) With an overall scientific perspective this course concerns itself with information gathered from Philosophy, History, Neuroscience, Biology and Physics pertinent to our fundamental notions of time. Topics such as the historical and philosophical notions of time and time keeping, the biological clocks of living organisms, the perception of time in everyday life, the thermodynamic arrow of time, the physical dilation of time, the possibility of time travel, the description of time from a higher-dimensional point of view, and other relevant aspects of time are discussed. Although the subjects covered are conceptually sophisticated, the presentation requires minimal mathematical knowledge.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: A minimum of 18 credit hours completed or with permission of the Physics Department [prerequisite(s)].

PHYS-2803 (3) Fundamentals of Digital Electronics (3 hrs Lecture | 3 hrs Lab) Basic circuit theory, digital logic, integrated circuits, microcontroller fundamentals, software control hardware, senors, and applications. Strongly recommended: Prior experience with elementary computer programming.
Requisite Courses: complete 18 credits [prerequisite(s)]; PHYS-2803L (lab) (must be taken concurrently).

PHYS-2812 (3) The Physics of Music (3 hrs Lecture) This course is an introduction to the physical underpinnings of the production, propagation and perception of the sounds that we interpret as music. After an overview of the fundamentals of both physics and music, we explore the nature and propagation of sound waves, the meaning of pure tones, and the question of how pure tones combine to form the harmonious complex waveforms produced by various musical instruments. Other topics include the workings of the human ear, and basic elements of concert hall acoustics. Finally, by studying elements of fractal music, we examine some issues surrounding the question of what is music, compared to, say, a random collection of sounds.
Requisite Courses: A minimum of 30 credit hours of study [prerequisite(s)].

PHYS-3103 (3) Special Topics in Physics (Seminar/Discussion with variable meeting hours) This course examines a topic in physics chosen to meet student needs. The topic will vary from year to year. Please consult the Physics Department for the current topic.
Restrictions: Department Permission Required.

PHYS-3202 (3) Classical Mechanics I (3 hrs Lecture) This course is a three dimensional vector treatment of Newtonian particle dynamics with an emphasis on conservation principles. Topics will include advanced problems in dynamics, including friction, rotation of rigid bodies and moments of inertia, and damped and forced oscillations.
Restrictions: Students may not hold credit for this course and PHYS-3102.
Requisite Courses: PHYS-1101 and either MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3203 (3) Classical Mechanics II (3 hrs Lecture) This course is a continuation of the treatment of classical mechanics contained in PHYS-3202(3). Topics will include rotation of rigid bodies, central force fields, especially gravity, and Keplers laws, small vibrations, and normal modes. As well, the Lagrange and Hamiltonian formalisms will be introduced, including that involving constraints.
Restrictions: Students may not hold credit for this course and PHYS-3102.
Requisite Courses: PHYS-1101 and PHYS-3202 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3220 (3) Medical Physics & Physiolog Measurement (3 hrs Lecture) Cancer Care Manitoba Course
Requisite Courses: Student must successfully complete PHYS-2201 in order to take this course or have written permission of the department [prerequisite(s)].

PHYS-3301 (6) Quantum Mechanics I (3 hrs Lecture | 3 hrs Lab) This course covers the following topics: special relativity, statistical distributions, wave properties of matter, quantum operators, probabilistic interpretation of wave-functions, and applications of the Schrodinger equation, including the treatment of the harmonic oscillator.
Requisite Courses: PHYS-2302 [prerequisite(s)]; MATH-2102 and PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-3402 (3) Thermal Physics I (3 hrs Lecture) This course introduces the standard concepts of classical thermodynamics. It also prepares the student for a quantum statistical approach to what fundamentally underlies these laws of thermodynamics. Topics include the absolute temperature scale, heat, work internal energy, entropy, Carnot engines, as well as the three laws of thermodynamics. Elementary concepts in probability and statistics and the Boltzmann Hypothesis are also discussed.
Restrictions: Students may not hold credit for this course and PHYS-3401.
Requisite Courses: PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-3403 (3) Thermal Physics II (3 hrs Lecture) This course develops the standard methodology of statistical mechanics which strives to derive all of the classical results of thermodynamics through quantum statistical analysis. Topics included are the microcanonical ensemble, the canonical ensemble, Boltzmann's Distribution, as well as the quantum mechanical description of heat and work. Other more advanced topics in statistical mechanics are discussed depending on time.
Restrictions: Students may not hold credit for this course and PHYS-3401.
Requisite Courses: PHYS-3402 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-3901 (3) Intermediate Physics Laboratory (3 hrs Lab for Degree Credit | 3 hrs Lab) This course introduces students to instrumentation in the areas of atomic and nuclear physics. Students will set up and conduct several experiments as well as formulate and present reports on their work.
Requisite Courses: PHYS-2302 [prerequisite(s)]; PHYS-3901L (Lab) (must be taken concurrently).

PHYS-4001 (6) Honours Thesis (3 hrs Project / Thesis) This course is normally taken in the final year of the honours program. Students will undertake a research program in experimental or theoretical physics under the supervision of a faculty member. An essential component of the course is the oral and written presentation of the results.
Note: Students must consult with the Department Chair and

the prospective supervisor before enrolling.
Restrictions: Honours Form Required.

PHYS-4201 (6) Electromagnetic Theory (3 hrs Lecture) This course will develop Maxwell's equations and apply them to problems of conductors, dielectrics, and magnetic materials.
Requisite Courses: PHYS-2201, MATH-2105 and MATH-2106 [prerequisite(s)]; PHYS-2105 and PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-4302 (3) Condensed Matter Physics (3 hrs Lecture) This course deals with the physics resulting from assembling a very large number of atoms to form a macroscopic piece of a solid. The main topics are: ordering of atoms to form crystal structures, and how the crystal structures vibrate; electronic characteristics of solid insulators, semiconductors and metals; magnetic properties of solids; and how defects significantly modify the physical characteristics of solids.
Cross-listed: CHEM-3104(3).
Restrictions: Students may not hold credit for this course and CHEM-3104.
Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4303 (3) Subatomic Physics (3 hrs Lecture) In this course students are introduced to the very small world of the nucleus. First nuclear properties are reviewed, and then various models for forces between nucleons are presented. Radioactive decay / nuclear reactions and detectors are considered. Various applications of nuclear physics are discussed in the areas of power plants, condensed matter physics, and medical physics. Particle physics is considered to the extent that time permits.
Restrictions: Students may not hold credit for this course and PHYS-4301.
Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4501 (6) Introduction to General Relativity (3 hrs Lecture | 3 hrs Lab) This course will introduce the student to the modern theory of gravitation called General Relativity. The course begins with a thorough treatment of the role of Special Relativity in mechanics and electromagnetism using four-vectors and spacetime diagrams. A short introduction to tensor analysis will then be given. Following this, the Einstein equations will be formulated and the standard solutions will be analyzed. Using these solutions the experimental tests of General Relativity will be investigated as well as astrophysical and cosmological predictions.
Note:

POLITICAL SCIENCE

POL-1011 (6) Introduction to Political Science (3 hrs Lecture) A study of the modern state with particular reference to the ideas, principles and institutions of democratic government; the democratic tradition, its origin and development; constitutions, federal and unitary; representative institutions; the law making process; civil liberties; public opinion, its formulation and expression through political parties and pressure groups; executive government and totalitarianisms; normative, empirical and behavioural theory may be used in treating these subjects.

POL-2010 (3) Politics in the Inner City (3 hrs Lecture) This course introduces students to political problems and political strategies regarding the inner city. It includes an examination of City Hall, parliamentary politics of the provincial and federal levels as it affects the inner city, and various electoral and non-electoral strategies that can be adopted to advance the interests of inner-city residents.

POL-2020 (3) Colonization and Indigenous Peoples (3 hrs Lecture) This course examines the Indigenous colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Indigenous peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.
Cross-listed: UIC-2020(3) and IS-2020(3).
Restrictions: Students may not hold credit for this course and IS-2020 | UIC-2020.

POL-2100 (6) Global Politics (3 hrs Lecture) This course provides students with an introduction to the study and practice of global level politics. It explores different ways that the scope and content of 'global politics' is understood theoretically, informed by the view that global politics is seen differently depending on the assumptions that are brought to bear. A range of post-Cold War global practices are considered, including globalization, global political economy, development, security, and global governance.
Restrictions: Students may not hold credit for this course and POL-2123.

POL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is a critique of attempts to give ethical justification for social institutions and practices. Why should one obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with principles of justice? Is it ever right to engage in war? Readings will include the work of some of the following: social contract theorists, utilitarians, Hegelians, Marxists, existentialists, and analytic philosophers.
Cross-listed: PHIL-2200(6).
Restrictions: Students may not hold credit for this course and PHIL-2200 | PHIL-2205.

POL-2220 (6) Politics and Film (3 hrs Lecture) Film is one of the most exciting and complex art forms. This course seeks to enrich students' experience and understanding of movies, to see them as complex cultural creations that embody political and social meanings and not simply as entertainment. Various theoretical approaches to film are examined as well as topics connected to the particular films viewed. Topics may include images of women in film, racial politics, the politics of Hollywood cinema, the slave in film, homosexuality in the movies, and conventions of realism.

POL-2300 (6) Public Administration (3 hrs Lecture) This course offers a general survey of the major areas of public administration. It introduces students to basic terminology, concepts, and issues in the field of public administration. The course begins with organization theories and the relationship between public administration and politics. Topics may include: leadership, change management, ethics, equity and diversity as human resource issues in the public sector, public sector unionization, policy planning and government budgeting, tools of accountability such as program evaluation and performance measurement. Students also learn about public sector trends in alternative service delivery.
Restrictions: Students may not hold credit for this course and POL-2305.

POL-2320 (3) Government-Business Relations in Canada (3 hrs Lecture) This course critically examines the relationship between business and government. State regulation of the economy is a significant element of public policy. Consequently, business and business groups are important political actors seeking to influence the shape and direction of public policy. This course examines that relationship and various mechanisms by which business seeks to influence the state.

POL-2400 (6) Canadian Politics (3 hrs Lecture) This course offers a general introduction to the study of Canadian politics, including an analysis of political culture, political parties, federalism, continentalism, regionalism, and political institutions.
Restrictions: Students may not hold credit for this course and POL-2430.

POL-2410 (6) Human Rights and Civil Liberties in Canada (3 hrs Lecture) This course examines the concepts of human rights and civil liberties. It will incorporate a case study approach in some areas. The course will include an examination of several approaches and concepts of human rights and civil liberties. It also includes an emphasis on selected topics such as: biological rights, rights of children, criminal law in the civil rights context, aboriginal rights and equality rights. The course is very strongly oriented towards Canadian problems, laws and institutions.
Restrictions: Students may not hold credit for this course and POL-2450.

POL-2415 (3) The Politics of Racism (3 hrs Lecture) This course analyzes contradictions that emerge in the

ideology and political practices of the liberal state in its approach to issues of racism. The concept of racism is introduced through an analysis of its individual, institutional, systemic and organized forms. Using documentation from cases in Canada, the United States, Germany, and other countries, the course examines state measures to combat racism, makes use of case studies of state facilitation of the aims of organized racism, and examines activist methods used to counter organized racism and its state facilitation. The intersection of the state and the field of racism is examined as well through analyses of cases involving state security and intelligence services.
Restrictions: Students may not hold credit for this course and POL-2431.

POL-2500 (3 or 6) City Politics (3 hrs Lecture) The course is an introduction to the politics and governance of cities and city regions in Canada. The course explores the history and development of municipal institutions in Canada, municipal finance, the role of local government in the federation, and multilevel governance. The course emphasizes how institutional structure shapes urban politics and policy outcome.

POL-2505 (3) Issues in City Politics (3 hrs Lecture) This course discusses such issues as central city decay, suburban sprawl, concentration of poverty, urban expressway development, and loss of neighbourhood identity. It also examines the political forces acting to cause problems, to neglect them, or to solve them. The focus is on the dynamics of city development and decay, and the political organization and action influencing those dynamics.
Restrictions: Students may not hold credit for this course and POL-2321 | POL-2325.

POL-3030 (3) Special Topics in Political Science (3 hrs Lecture) This course considers selected topics in Political Science; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.

POL-3105 (3) Global Political Economy (3 hrs Lecture) This course provides an introduction to the theories and methods of global political economy and a study of the application of these two areas such as militarization; north-south relations; globalization of production; trade and finance regimes; gender and ecological questions.
Restrictions: Students may not hold credit for this course and POL-3133.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3110 (3) International Organization (3 hrs Lecture) This course examines various theoretical approaches to the study of international organizations as a generic phenomenon, recognizing that they are part of a complex web of relations that can have subnational, national, international, and transnational ties. More specifically, it explores the place and role of international organizations within the framework of global governance.
Restrictions: Students may not hold credit for this course and POL-3134.

POL-3115 (3) Gender and Global Politics (3 hrs Lecture) This course examines gendered perspectives on the theory and practice of global politics. It considers a range of perspectives on gender and politics, and applies these to an examination of conflict and cooperation, security, global political economy, ecology, human rights, international organizations and international law.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3120 (3) International Law (3 hrs Lecture) This course deals with the nature of international law in society, the universality of international law, the state and other international persons, sovereignty and equality, recognition of governments and states, civil war and intervention, war and neutrality.
Restrictions: Students may not hold credit for this course and POL-3137.

POL-3121 (3) Special Topics in Global Politics (3 hrs Lecture) This course considers selected topics in Global Politics; as course content varies(the tS2oos; s an9This)e de

3 hrs 3 hrs (3 hrs and POL-3137.

POL-3205 (3) Reason and Revolution (3 hrs Lecture) Reason and revolution are ideas central to contemporary politics. This course explores their roots in 18th century Europe. Enlightenment thinkers argue that society can be reorganized based on reason, freedom and equality. Counter-enlightenment thinkers argue that such attempts often degenerate into the type of violence and terror evident in the French Revolution. This course explores these issues in the writings of thinkers such as Immanuel Kant, Jean-Jacques Rousseau, Edmund Burke, Mary Wollstonecraft, Thomas Paine and others.
Restrictions: Students may not hold credit for this course and POL-3235_3.

POL-3210 (3) Politics and Art (3 hrs Lecture) This course examines political expression in the visual, performing and literary arts. The course treats various forms of art as cultural documents which provide insight into the political ideas and political culture of society.
Restrictions: Students may not hold credit for this course and POL-3236.

POL-3216 (3) Special Topics in Political Theory (3 hrs Lecture) This course examines one among a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism and/or globalization and inequality. This course can be repeated for credit when the topic varies.

POL-3220 (3) Politics of Post-Modernism (3 hrs Lecture) This course examines a selection of the precursors, proponents and critics of post-modern political thought such as Nietzsche, Foucault, Rorty, Lyotard, Jameson, Butler, Habermas, Derrida and Baudrillard. This course focuses on the politics generated by post-modernism. Among the questions considered are: What is modernism? What is post-modernism? What are the potential effects of a postmodern perspective on political theory and political practices? How has post-modernism influenced feminism and new social movements more generally?

POL-3224 (3) Research Methods and Project Design (3 hrs Lecture) This is a basic course in research design, intended for beginners. It includes, but is not limited to, research design and evaluation, measurement, sampling, data collection methods, elementary data analysis, research ethics, and reporting results.
Note: Students may not receive credit for this course and the former POL-2206/3.

POL-3230 (3) Canadian Political Thought (3 hrs Lecture) The course examines the historical development and political expression of major Canadian ideologies: conservatism, liberalism, socialism, English-Canadian nationalism, and nationalism in Quebec politics.

POL-3233 (3) Power and Politics: 16th Century Political Thought (3 hrs Lecture) This course explores sixteenth century political thought in the historical context of the dramatic transformations of the Renaissance, the Reformation, the Scientific Revolution and the rise of capitalizm. Key thinkers examined include: Machiavelli, Erasmus, More, Luther, Calvin, Boding and Thomas Smith. Special attention is given to newly emerging conceptions of power, state, citizen, family and political freedom.
Note: Students may not hold credit for this course and the former POL-3200.

POL-3234 (3) Sovereignty and Politics: 17th Century Political Thought (3 hrs Lecture) This course explores seventeenth century political thought in the historical context of the dramatic transformations of the Reformation, the Scientific Revolution, the English Civil Wars, and the rise of capitalism. Key thinkers to be examines include English Levellers, Descartes, Hobbes, Locke, and Harrington. Special attention is given to highly contested conceptions of sovereignty, property, natural rights and liberties, and revolution.
Restrictions: Students may not hold credit for this course and POL-3200.

POL-3235 (3) Politics of Love and Sex (3 hrs Lecture) This course offers students the opportunity to study political thought through the prism of love and sex. Students are introduced to some of the central thinkers in the Western canon (such as Plato, Augustine, Rousseau, Kant with the Reformation, precursors, proponents and critics of post-modernism, socia

POL-3235 (3) Politics of Love and Sex (3 hrs Lecture) 1 0 0 1 49.1 Tm /d 8 T 10 T68p 1 0 0 1 52.385 Tm /d 8 T 10 T68p 1 0 0 1 127.85 Tm /d 8 T 10 T68p

democracy and regulation rather than public ownership. It will examine the ideas of Bernstein, Hobhouse, Crosland, Karlsson and Giddens. It deals with similar themes in the Canadian political context, especially the ideas of Frank Scott and Pierre Elliott Trudeau.

POL-3300 (3) Public Policy Process (3 hrs Lecture) The focus of this course is the interplay of politics and the public policy process, with concentration on theories of policy-making, actors in the policy process, and institutions and structures in the policy process. The role of interest groups, political parties, governmental organizations and the like are among the subjects to be examined.
Restrictions: Students may not hold credit for this course and POL-3331.

POL-3305 (3) Special Topics in Public Policy (3 hrs Lecture) The focus of this course will change from year to year, according to the interests of faculty and students. Its general purpose is to permit advanced undergraduate students to examine specific issues in public policy, especially those which are of contemporary interest but are not the subject of a routinely offered course.
Note: The course may be repeated only when the topic varies.
Restrictions: Students may not hold credit for this course and POL-3310 | POL-3332 | POL-3333.

POL-3310 (3) Health Care Policy in Canada (3 hrs Lecture) This course investigates current trends and issues in health care policy in Canada. Students are introduced to the structure of the Canadian health care system, including federal and provincial policy history and the structure of its financing. The course focuses on challenges which occur in implementing and administering health policy change at the federal and provincial levels. The course emphasizes the regionalization of service delivery and the expansion of community-based primary care. Alternative models of health care delivery are explored.
Restrictions: Students may not hold credit for this course and POL-3305 | POL-3332 | POL-3333.

POL-3315 (3) The Canadian Legal System (3 hrs Lecture) An examination of the structure and functioning of the legal system in Canada, including such topics as: the historical background of British and Canadian law; the Canadian constitution and its prescription for federal and provincial jurisdictions; the nature and limits of executive, legislative and judicial powers; the distinction between common law and statute law; the various fields of law, e.g., criminal, domestic, contract and torts; civil rights and human rights; the administration of justice.
Restrictions: Students may not hold credit for this course and POL-3428.

POL-3320 (3) Women and the Law (3 hrs Lecture) This

Requisite Courses: POL-1011 or permission of the instructor [prerequisite(s)].

POL-3439 (3) Politics in Manitoba (3 hrs Lecture) This course seeks to describe and explain changes in the political culture, political economy and political institutions of Manitoba. Topics may include different approaches to Manitoba politics; political parties in Manitoba; voting patterns in Manitoba; social class, ethnicity and cultures in Manitoba; federal-provincial relations and their impact upon Manitoba.
Restrictions: Students may not hold credit for this course and POL-3432 | POL-4405 | POL-4430.

POL-3450 (3) Sustainability and Environmental Politics (3 hrs Lecture) In 1987 the concept of "sustainable development" was popularized by the Brundtland Commission's Report. Since that time, the term has been used and abused in a great variety of contexts worldwide. The course examines the measures and implications of this concept as it impinges on virtually every policy area in Canada. Specific areas to be examined may include, but will not be limited to, the following: Green politics and capitalism, Canadian Round Tables, values and sustainability, international impacts, urbanization, the welfare state, and the role of women.
Restrictions: Students may not hold credit for this course and POL-3420.

POL-3452 (3) Gender Issues in Canadian Politics (3 hrs Lecture) This course provides an overview of issues facing women in Canadian politics. It begins with an understanding of the different types of feminism and explores feminist theory as an epistemology, an ideology and a social movement. Students then examine issues such as the backlash against feminism, the electoral project, women and public policy concerns and portrayals of women in the media. At the conclusion of the course, students are expected to be cognizant of the salient issues facing women in politics and have a broader understanding of feminist analysis.

POL-3455 (3) Politics and the Mass Media (3 hrs Lecture) This course introduces students to the study of politics and the mass media. Few Canadians actually have the opportunity to attend the machinations of politics first hand, and thus must rely on the mass media to provide them with information about what elected officials are saying and doing. News is constructed within the journalist paradigms and the delivery of news is highly mediated. This course examines what news is and how politicians are both manipulators of and manipulated by the news that's accessed daily.
Restrictions: Students may not hold credit for this course and POL-3424.

POL-3460 (3) Provincial Politics in Canada (3 hrs Lecture) This course provides students with an appreciation of the importance of politics at the provincial level. Students explore issues of regionalism and federalism, while analyzing in a comparative manner the different political realities of each distinct province. What makes provincial politics in Manitoba different from provincial politics in BC or Quebec? What is the role of the provincial premier given the current state of federalism and the impact of globalization? These questions are examined in an effort to provide an understanding of the important and evolving role of the province in Canada.
Requisite Courses: POL-2400 (recommended prerequisite).

POL-3470 (3) Comparative Federalism and Multi-Level Governance (3 hrs Lecture) Most of the world's population live in a country which has multiple layers of government with policy responsibilities constitutionally divided between a national and regional political authorities. In the 21st century, issues of decentralization to regional governments, subsidiarity and local autonomy are argued to be significant to viable social, cultural and political development. This course comparatively analyses the many issues that animate governance in multi-level systems which will include actors, institutions and policy processes. Students investigate the politics of federalism and multi-level governance in jurisdictions such as Canada, the United States, Australia and the European Union.

POL-3510 (3) Interest Groups and New Social Movements (3 hrs Lecture) This course examines the roles of interest groups and social movements in influencing and shaping public policy. The course explores the concept of participation and representation by examining the organization of interests outside of mainstream political parties. The methods by which interest groups and social movements organize themselves, and, in particular, issues of democracy and accountability within these organizations, will be explored. Topics include theoretical perspectives on new social movements, as well as the experiences of workers' movements, women's movements, anti-poverty movements, environmental movements and the role of corporations and economic interest groups.

POL-3520 (3) Community Democracy in a Global Age (3 hrs Lecture) Our democratic institutions, for the most part inherirtvmfrom the 19th century, 0 -1uio.5 Tdrcd (the con

of feminiratic institutions, for the ovements in examinatly roles mn abocracy and aitutpa Gitueourse comparat

Reading) A directed reading is an individual course of study arranged in consultation with a departmental supervisor. It is open to third year General and third and fourth year Honours students. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.
Note: Permission of the instructor is required.
Restrictions: Instructor Permission Required.

POL-4040 (3) Special Topics in Political Science (3 hrs Seminar/Discussion) This course considers selected topics in Political Science at an advanced level; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

POL-4100 (3) Seminar in Global Politics (3 hrs Seminar/Discussion) This course involves an intensive and advanced study of selected contemporary issues in global politics. The course focuses on various theoretical approaches to the study of global politics and the application of some of these to an analysis of global politics. Students may not receive credit for both this course and the former POL-4123(3), POL-4145(6)or POL 4145(3)
Restrictions: Honours Form Required.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4105 (3) Seminar in Global Political Economy (3 hrs Seminar/Discussion) Much scholarship and popular thinking on the Global Political Economy (GPE) frequently holds that it is something abstract and in the distance or operating on some level that we call the global. In this class, we interrogate such dispositions by considering how large scale structures of the GPE (possibly including, but not limited to, trade, finance, production and migration) and how particular localities, including Winnipeg, neighbourhoods, households, and various daily sites are "implicated in the global". What parts of our daily lives are affected by the GPE? What is our relationship with the GPE? How do we think of political and economic agency in a purportedly global age?
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4133.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4106 (3) The Political Economy of Rising Non-Western States (3 hrs Seminar/Discussion) In this course, students examine and consider the extent to which we are in the midst of a transition to a new global political economy, one in which rising non-Western states have increasing amounts of clout. Students consider what it has meant to develop outside of the global capitalist core historically, and whether patterns of development inherited from history have significance today. Finally, students consider the extent to which non-Western countries are building mechanisms that at the most challenge and at the least circumvent mechanisms associated with Western, if not American, aspirations to governing the global political economy since World War II.
Restrictions: Honours Form Required.

POL-4110 (3) Seminar in International Organization (3 hrs Seminar/Discussion) This course is a study of international institutions and the processes of international cooperation. Special emphasis is placed on the League of Nations; the United Nations Organization and its specialized agencies; and regional arrangements such as the European Economic Community, the Commonwealth and the North Atlantic Treaty Organization.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4134.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4120 (3) Seminar in Canadian Foreign Policy (3 hrs Seminar/Discussion) This course examines specific areas of Canadian foreign policy. These may include, but are not limited to, policies related to trade and environment, development assistance, defence, refugees and immigration, or policies related to specific regions.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4142.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4121 (3) Special Topics in Global Politics (3 hrs Seminar/Discussion) This course considers selected topics in Global Politics at an advanced level; as course content will vary, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.
Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4200 (3) Feminist Political Thought (3 hrs Seminar/Discussion) This course is an inquiry into feminist political thought. It considers both historical and contemporary writers of importance to feminist political theory. The basic aims of the course are: first, to consider feminist political theory's critical perspective on the classical canon of political thought; and second, to discuss contemporary feminist political theories, including liberal, Marxist, gynocentric and postmodern feminist thinkers.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4236.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or PHIL-2200 or WGS-3301 or permission of the instructor [prerequisite(s)].

POL-4215 (6) Seminar in Political Thought (3 hrs Lecture) This course examines a range of current issues in political theory. Topics covered may include issues related to globalization, debates about multiculturalism, civil society, and the viability of democracy and sovereignty in the 21st century.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4240.
Requisite Courses: One 3 credit hour course in Area 2,

Political Thought, or permission of the instructor [prerequisite(s)].

POL-4216 (3) Special Topics in Political Theory (3 hrs Seminar/Discussion) This course examines a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism, and/or globalization and inequality. This course can be repeated for credit when the topic varies. Where the subject matter of POL-3216 and POL-4216 is similar, students engage in higher and more intense research and study in POL-4216.
Restrictions: Students may not hold credit for this course and POL-4215 | POL-4240.

POL-4220 (6) Liberty and Community in Modern Canadian Political Thought (3 hrs Seminar/Discussion) This course examines the confluence and tension of freedom and community in the thought of six modern Canadian thinkers: Woodsworth, Scott, Trudeau, Macpherson, Taylor and Grant.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4239.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4225 (6) Scope and Methods of Political Science (3 hrs Seminar/Discussion) The course offers an analysis of the interrelationship among philosophy, theory and method in contemporary Politics. Emphasis in the course will be placed on the development of theoretical principles of political inquiry and the critical analysis of a variety of theoretical approaches commonly employed in Politics, such as behaviouralism, systems theory, class analysis, socialization theory and others.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4246.
Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4301 (6) Administrative Theory (3 hrs Seminar/Discussion) An examination of the theoretical basis for the "administrative state", including such problems as the relationship of political values to administrative decisions, the role of the career civil service in governmental policy formation, the relationship between administrative officials and private interest groups, and the protection of individual rights against administrative abuses. Attention will be given to North American and European techniques and institutions designed to achieve democratic control of administrative action.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4338.
Requisite Courses: One 3 credit hour course in Area 3, Law, Public Policy and Administration or permission of the instructor [prerequisite(s)].

POL-4310 (3) Equity and Human Resources (3 hrs Seminar/Discussion) This course examines the theory and practice of, and major public policy equity issues in, human resource administration. It also analyzes employment discrimination theory, U.S. and Canadian legislation and jurisprudence, contract compliance and compensation. The theory, legislation, planning and execution of these programs are examined from a public and private sector organizational perspective. Topics may include human resource administration and the Charter, pay equity administration, sexual harassment, and human resource administration and government regulation.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4340.
Requisite Courses: One 3 credit hour course in Area 3, Law, Public Policy and Administration, or permission of the instructor [prerequisite(s)].

POL-4380 (6) Special Topics Seminar in Public Administration (3 hrs Lecture) The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when topic varies.
Restrictions: Honours Form Required.

POL-4385 (3) Special Topics in Public Administration (3 hrs Lecture) The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

POL-4400 (6) Seminar in Canadian Politics (3 hrs Seminar/Discussion) This seminar examines selected aspects of Canadian politics. These may include, but are not necessarily limited to political power, culture, ideologies, parties, institutions, political economy, the constitution, federalism, regionalism and Canada-US relations.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4420.
Requisite Courses: POL-2400 or permission of the instructor [prerequisite(s)].

POL-4405 (6) Seminar in Manitoba Politics (3 hrs Seminar/Discussion) This course analyzes selected aspects of the political process and of public administration in the Province of Manitoba. Topics may include political party organization and ideology; public sector management; the politics and administration of northern development, social welfare, education, health care, and other issues of provincial importance. A seminar format will be adopted, and public officials will be invited to offer insights built on practical experience.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-3432 | POL-3439 | POL-4430.
Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the

instructor [prerequisite(s)].

POL-4410 (3) Seminar in Women in Politics (3 hrs Seminar/Discussion) The course is an examination of the role of women in politics. It will concentrate on a particular aspect of political life such as women in revolution, women and electoral politics, feminist politics.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4431.
Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4415 (6) State and Economy (3 hrs Seminar/Discussion) This course is an interdisciplinary investigation into the nature of the relationship of the government to the economy in modern times. The course emphasizes the economic implications of government policy and is primarily concerned with Canada.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4443.
Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4440 (6) Seminar in Indigenous Political Issues (3 hrs Lecture) Current and ongoing issues directly affecting Indigenous people within the political context of Canada and Manitoba are explored throughout this seminar.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4445 (3) The Politics of Racism in Canada (3 hrs Seminar/Discussion) This course explores the politics of race and racism in Canada. It examines the intersecting issues of race, gender, class, immigration/refugee status, and culture as they relate to state policy and governance. The course addresses a range of issues including official multiculturalism, citizenship, state violence, indigeneity and colonialism, and the increasing securitization of racialized immigration groups and refugees in the post-9/11 world. Understanding race and whiteness as a socially constructed system of power relations is the central focus of the course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

POL-4505 (3) Politics of Urban Development (3 hrs Seminar/Discussion) Urban development, understood as the growth and change of the urban built form and environment, has a tremendous impact on the lives and livelihoods of residents who reside in urban areas. As a result, urban development and planning is one of the most important policy areas for municipal government, and a significant source of political conflict at the local level. This course compares and contrasts the politics of urban development in cities in North America and abroad, by examining the forces (actors, institutions, and the economy) that shape the development and planning policies of cities.
Note: Students may not hold credit for this course and Graduate Studies courses GPOL-7335 adn GPOL-7505.
Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4334.
Requisite Courses: One 3 credit hour course from Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4515 (6) Inner City Seminar (3 hrs Lecture) This course seeks to explain the emergence and the character of inner cities, and to evaluate proposed solutions to inner city problems. Some attention is paid to the literature on American inner cities; we focus intensively on Winnipeg's inner city. The course features a 3 hour per week practicum requirement with an inner city community-based organization, and the conducting of original, primary research on an inner city topic.
Restrictions: Honours Form Required.
Requisite Courses: One 3 credit hour course in Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4520 (3) Theories of Urban Poverty (3 hrs Seminar/Discussion) This course analyzes and evaluates theories that explain the causes of urban poverty in the Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

supervisor. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination with a second reader based on it.
Note: Permission of the instructor is required.
Restrictions: Honours Form Required.

POL-4610 (6) Honours Thesis (3 hrs Project / Thesis)
Students enrolled in this course pursue a programme of independent research under the supervision of a faculty member. Students proposing to enrol in this course must consult a Department Honours advisor.
Note: Permission of the instructor is required.
Restrictions: Honours Form Required.

PORTUGUESE

PORT-1001 (6) Introductory Portuguese (3 hrs Lecture | 1 hrs Lab) This is designed for students who have little or no previous knowledge of Portuguese and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension and oral expression. To this end, one hour of language laboratory /small group supplements classroom work each week.
Note: Native speakers of Portuguese are not eligible to take this course.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: PORT-1001L (lab) (must be taken concurrently).

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2430 (3) Psychological Approaches to Social Issues (3 hrs Lecture) This course examines issues of social importance in light of psychological theory and research findings. The issues to be considered will vary with offerings of the course, but will include topics such as the psychology of war and peace, the social psychology of mental health care, the social applications of psychometric testing, the psychology of economic behaviour, etc. The specific topics for a particular offering may be obtained in advance from the Department.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2440 (3) Organizational Psychology I (3 hrs Lecture) This course is an introduction to the behaviour of individuals in organizations, focusing on research methods in industrial/organizational psychology, effects of individual personality and perception on organizational behaviour, communication in organizations, learning and motivation, job design, work stress, and career planning and development.
Restrictions: Students may not hold credit for this course and BUS-2103 | PSYC-2101_6.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2450 (3) Organizational Psychology II (3 hrs Lecture) This course covers topics related to group and organizational processes, including group dynamics, leadership, organizational conflict, power and organizational politics, organizational culture and socializaton, organizational structure and design, and organizational development and change.
Restrictions: Students may not hold credit for this course and AS-2101.
Requisite Courses: PSYC-1000 and PSYC-2440 or BUS-2103 [prerequisite(s)].

PSYC-2600 (3) An Introduction to Cognitive Psychology (3 hrs Lecture) This course examines empirical and theoretical approaches to the study of human cognitive processes. Topics to be discussed include perception, attention, short- and long-term memory, -1Lrtaind long-thange.

experience as a function of culture. Culture will be interpreted to include ethnicity and social class, but may also include other societal factors that have a similarly broad effect. We will examine the influence of culture on such domains as basic perceptual and cognitive processes, human development and family processes, and issues in social, personality, clinical, and abnormal psychology. Specific methodological and theoretical issues, such as proposals for indigenous theories and methods, will also be considered.
Requisite Courses:

PSYC-3720 (3) Behaviour Modification (3 hrs Lecture) This course deals with the application of the principles of conditioning theory to the teaching and modification of human behaviour.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3740 (3) Introduction to Family Processes (3 hrs Lecture) This course will cover the theoretical aspects of family processes. Emphasis will be given to various theoretical formulations of family dynamics and treatment strategies. The use of family therapy for the treatment of various disorders will be discussed and compared to individual treatment approaches.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3830 (3) Genes, Evolution, and Behaviour (3 hrs Lecture) This course examines behaviour from the point of view of genetic inheritance and evolution. Emphasis is placed on the ways in which genetic analysis can help us to understand the interplay between the environment and genes in the determination of behaviour. Topics include genetic defects and chromosomal anomalies, classical ethology, population genetics, heritability estimation, and that aspect of population ethology known as sociobiology. Additional in-depth work will be required for credit at the 4000 level.
Cross-listed: PSYC-4830.
Restrictions: Students may not hold credit for this course and PSYC-4830.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3900 (3) Physiological Psychology II (3 hrs Lecture | 3 hrs Lab) This course is a continued study of the structure and function of the nervous system with an emphasis on the physiological and neurological processes underlying regulatory, instinctual, and social behaviour in animals and humans, and on brain systems involved in learning and memory. Laboratories focus on research techniques in neuroscience, including neuroanatomy, histology, electrophysiology, and neuroimaging.
Requisite Courses: PSYC-2900 [prerequisite(s)]; PSYC-3900L (must be taken concurrently).

PSYC-3910 (3) Human Neuropsychology (3 hrs Lecture) The course assumes basic knowledge of neuroanatomy and focuses on the understanding of neural function provided by a study of congenital malformation of structure, brain disease and behavioural loss. Topics include the following: developmental anomalies and associated behaviours; plasticity and recovery of function following insult or disease; localization of function; hemispheric specialization; epilepsy. Although not a prerequisite, Human Neuropsychology would be especially useful as a background for all the following courses: PSYC-2600(3), PSYC-3600(3), and PSYC-4600(3).
Requisite Courses: PSYC-2900 [prerequisite(s)].

PSYC-3920 (3) Cognitive Neuroscience (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the field of cognitive neuroscience, the study of the neural substrates underlying cognitive functions. The course will examine the cognitive functions performed by all euroscience, the studydzce,o2 65PSYC-(majlowoanatodourmPSYown as socperfor

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PSYC-4025 (3) Topics in Psychology (3 hrs Lecture) This course studies specific topics in Psychology at an advanced level. Students should consult with the department regarding potential offerings in a given year. Potential topics include: Psychology and the Arts, Reading Development and Dyslexia, Aggression and Violence, Political Psychology. This course may be repeated for credit when the topic varies.
Restrictions: Honours Form Required.

PSYC-4030 (3) Psychological Issues in Historical Perspective (3 hrs Lecture) This course deals systematically with selected theoretical and methodological issues common to contemporary psychology and its recent history. In any given year, consideration will be restricted to one or two major issues to be dealt with at an advanced level. The issues selected will be made known to students in advance registration.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4040 (6) Honours Thesis (3 hrs Lecture) To complete the Honours degree each student must satisfactorily complete during his/her final year, a program of research under the supervision of at least two faculty members. Students wishing to enrol in this course should consult with the Department of Psychology.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4100 or permission of Psychology Honours Committee [prerequisite(s)].

PSYC-4100 (6) Intermediate Research Design and Data Analysis (3 hrs Lecture | 3 hrs Lab) This lab course extends the basic research and data analysis methods introduced in 2101(3) and 2102(3). Topics in this course include intermediate research methods (e.g. computer-aided research design and literature search, construct validity), intermediate data analysis methods (e.g., analysis of variance and partial/multiple correlation techniques for selected experimental and non-experimental designs), and current issues in social science methodology. The lab component provides opportunities to design, execute, analyze, and report the results of behavioural research, and emphasizes the use of computers in research design and data analysis (e.g., the use of such statistical packages as BMDP, SAS, and SPSS). This course is required of all students in the Psychology Honours program.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2102 [prerequisite(s)]; PSYC-4100L (must be taken concurrently).

PSYC-4200 (3) Topics in Developmental Psychology (3 hrs Lecture) This course will examine selected topics in Developmental Psychology not covered by PSYC-4240(3) Social Development and PSYC-4250(3) Cognitive Development. The exact topic(s) covered will be determined by the instructor and may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-4240 (3) Social Development (3 hrs Lecture) This seminar course examines theory and research concerning social development from birth to adolescence. It will include topics such as attachment, sense of self, peer relations, play, aggression, prosocial development, moral development, family and other socialization influences, and gender role development.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2101, PSYC-2200 [prerequisite(s)].

PSYC-4250 (3) Cognitive Development (3 hrs Lecture) This course introduces the student to contemporary research in areas such as memory, language, and logical thinking, that comprise the psychological study of mental growth from birth to adulthood.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4260 (3) Prenatal and Infant Development (3 hrs Seminar/Discussion) This seminar course examines theory and research concerning prenatal and infant development. It will include topics such as genetic and environmental prenatal influences; the perinatal period; temperament; and infant physical, sensory, perceptual, cognitive, and social development.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2200 and PSYC-2101 [prerequisite(s)].

PSYC-4300 (3) Topics in Personality (3 hrs Lecture) This course will examine selected topics in personality theory and/or research. The exact topic(s) covered will be determined by the Instructor and may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2300 or PSYC-3300 [prerequisite(s)].

PSYC-4350 (3) Freud: on Personality and Clinical Practice (3 hrs Lecture) This course, together with its sequel (PSYC-4355(3)), presents most of Sigmund Freud's psychological writing as it apears in the definitive English text, The Standard Edition. This first half covers Freud's theory of personality, including his concepts of the unconscious, infantile sexuality, the Oedipus complex, and dream interpretation. The course focuses on Freud's earlier writings and on the case studies of Dora, Little Hans, Rat Man, and Schreber.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4355 (3) Freud: on Society and Culture (3 hrs Lecture) This course, the complement to PSYC-4350(3), is the second half of a survey of Sigmund Freud's work as it appears in The Standard Edition. The concern here is with the social theories Freud developed during the second half of his career. The major writings covered will be Totem and Taboo, The Future of an Illusion, Civilization and Its Discontents, Group Psychology and the Analysis of the Ego, Moses and Monotheism, and the case study of the Wolf Man. A principle theme of these works is the proposition that civilization relies. somewhat precariously,

listed above, the course follows the idea of instinctual ambivalence through various of Freud's shorter writings on sexuality (e.g., "Civilized sexual morality and modern nervous illness") and on literature and art (e.g., "Dostoevsky and parricide").
Restrictions: Honours Form Required.

PSYC-4400 (3) Topics in Social Psychology (3 hrs Lecture) This course is designed for the student who has some background in social psychology and wants to become acquainted with ongoing areas of social psychological research. Several topics will be investigated in depth, and these may vary from year to year. Topics might include prejudice and attitude change, the effects of media, gender roles, interpersonal attraction, aggression, or others.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2410 [prerequisite(s)].

PSYC-4410 (3) Research Seminar in Social Psychology (3 hrs Lecture) This course is designed for the student who has some background in social psychology and methodology and wants to pursue some aspect of it in depth. Each year the course will focus on a particular broad theoretical or applied area of social psychology (e.g., social cognition, group processes, interpersonal relationships) and students will pursue individual projects from within that area. Through exposure to these individual projects and a core of assigned readings, students will attempt to develop an understanding of the theoretical and methodological issues that are important to the development of research in the chosen area of social psychology.
Requisite Courses: PSYC-2410 and PSYC-4100 or permission of the instructor [prerequisite(s)].

PSYC-4450 (3) Advanced Organizational Psychology (3 hrs Lecture) This course focuses on current theory and research in a wide range of areas within the field of industrial/organizational psychology. Critical examination of methodology, instrumentation, logic and philosophy underlying current theories are emphasized, as is applicability to a variety of organizational settings.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2440 or BUS-2103, and PSYC-2101 or permission of the instructor [prerequisite(s)].

PSYC-4600 (3) Topics in Human Learning and Memory (3 hrs Lecture) This course examines current research and theory in human learning and memory, with a particular emphasis on the historical development of issues in this area. The range of topics will vary depending on the interests of students.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-4610 (3) Topics in Perception (3 hrs Lecture) A research-based course consisting of lectures, demonstrations, and seminars on special topics relating to sensory and perceptual mechanisms in humans and non-humans. The range of topics will vary, depending on particular interests of students and current interests of the instructor.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2610 [prerequisite(s)]; PSYC-3611 (recommended prerequisite).

PSYC-4630 (3) Topics in Cognitive Psychology (3 hrs Lecture) This course examines a specific theoretical or applied topic in cognitive psychology. Sample topics might include: memory development, inhibitory mechanisms in cognition, cognitive psychology in education, and cognitive retraining after head injury. Please consult the Psychology Department for the current topic.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)]; PSYC-4100 (recommended to be taken previously or at the same time as this course).

PSYC-4700 (3) Topics in Abnormal Behaviour (3 hrs Lecture) This is an advanced level seminar in abnormal psychology. The focus of the course will be on recent research related to theories and mechanisms of abnormal behaviour. Topics will include factors related to the development, maintenance, and treatment of abnormal behaviour in children and adults.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4100 or permission of the instructor [prerequisite(s)].

PSYC-4730 (3) Biological Considerations in Clinical Psychology (3 hrs Lecture) This course will deal with the biological bases of several psychological disorders. In addition, the various psychotherapeutic and pharmacological treatments will be discussed and compared. Topics may include disorders such as alcoholism, anorexia nervosa, mania, depression, schizophrenia, Parkinsonism, Huntington's Chorea, Alzheimer's disease.
Restrictions: Honours Form Required.

PSYC-4750 (3) Psychological Testing (3 hrs Lecture) This course deals with the theory, construction, and use of psychological tests. Primary emphasis is given to exploring the basic concepts in testing and general ability tests.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-4760 (3) Introduction to Counselling Theory (3 hrs Lecture) This course is an introduction to the theories and publications of the major contributors to counselling and psychology.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4100 [prerequisite(s)].

PSYC-4770 (3) Introduction to Interviewing (3 hrs Lecture) This course is an introduction to the interview, focusing primarily on the therapeutic interview. Factors such as verbal and non-verbal communication, client expec tations, and relationship variables will be examined.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-4760 [prerequisite(s)].

PSYC-4800 (3) Topics in Animal Learning (3 hrs Lecture | 3 hrs Lab) This course examines the mechanisms

that underlie simple forms of learning in animals. Topics may vary from year to year.
Restrictions: Honours Form Required.
Requisite Courses: PSYC-2800 or permission of the instructor [prerequisite(s)].

PSYC-4820 (3) Neuroscience of Addiction and Fear (2 hrs Lecture | 2 hrs Lab) This course focuses on the link between neural mechanisms in the brain and behavior. Topics include how rewards, particularly drugs of abuse,

RADIATION THERAPY

CCMB-2510 (3) Radiation Biology (3 hrs Directed Reading) This course deals with the fundamentals of radiation biology and focuses on the effects of radiation at a cellular and molecular level. The theory of radiation biology is examined at the cellular level and applied to the clinical impact on patients. Radiation biology gives us insight into ways to exploit cellular differences in healthy cells so as to increase the likelihood of tumor eradication. The theory of how radiation interacts with cells and tissues, what impact radiation has on organisms and the radiation patient, and how to best achieve our treatment goals are all examined in this lecture-based course.
Requisite Courses: CCMB-2540 or the former PHYS-2540, admission to the Radiation Therapy program or permission of the instructor [prerequisite(s)].

CCMB-2520 (3) Physics of Radiation Therapy (3 hrs Lecture) This series of lectures is designed to provide the student radiation therapist with a fundamental understanding of the physical nature of both photons and electrons and specifically the manner in which they interact with an absorbing/scattering medium. The concepts presented in this series will enhance the student's ability to make decisions regarding clinical radiation therapy treatments.
Note: Cancer Care Manitoba course.
Requisite Courses: PHYS-1301, STAT-1501, Admission to the Radiation Therapy Program, or permission of the instructor [prerequisite(s)]; CCMB-2903 (must be taken concurrently).

CCMB-2530 (3) Industrial, Therapy & Imaging Apparatus (3 hrs Lecture) This course introduces the student to the principles of operation of radiation therapy simulation and treatment equipment. It focuses on design of equipment, physical processes involved in equipment operation and radiological imaging processes. Practical reinforcements of principles are provided in a lab setting.
Restrictions: Students may not hold credit for this course and PHYS-2530.
Requisite Courses: PHYS-1301, BIOL-1112, CCMB-2520, Admission to the Radiation Therapy program or permission of the instructor [prerequisite(s)]; CCMB-2913 (must be taken concurrently).

CCMB-2540 (3) Radiation Protection and Health Physics (3 hrs Lecture) This course reviews the fundamental concepts which are used to minimize risk when working with sources of ionizing radiation, with emphasis on the application of these concepts too radiation therapy. Topics covered include: types and sources of radiation, radiation quantities and units, biological effects and potential risk, basic principles of protection, regulation and dose limits, methods of dose monitoring, and application in radiation therapy.
Note: Cancer Care Manitoba course.
Requisite Courses: CCMB-2904, CCMB-2520, Admission to the Radiation Therapy Program or permission of the instructor [prerequisite(s)].

CCMB-2901 (3) Professional Practice and Patient Care in Radiation Therapy I (3 hrs Lecture) This course focuses on a number of aspects relating to the practice of radiation therapy within the framework of the health care team. It provides the student with the knowledge and skills to practice competently and empathetically in a radiation therapy department. Topics covered include: legal and ethical aspects, communication skills, health promotion, assessment skills (including problem solving and critical thinking), psychosocial aspects of caring for cancer patients and their families, education (theory and practice), general and site related side effects of cancer treatment (primarily radiation therapy). The lab component provides opportunity to apply theory to practice in simulated situations.
Note: Admission to the RT Program, CPR, and First Aid are required.
Requisite Courses: CCMB-2902 (must be taken concurrently); Admission to the Radiation Therapy Program, BIOL-1112, SOC-1101, CPR First Aid [prerequisite(s)].

CCMB-2902 (3) Clinical Radiation Oncology I (3 hrs Lecture) This course introduces the student to the fundamental concepts, which support the use of radiation in the treatment of disease. It includes etiological and epidemiological aspects, the value of early diagnosis, the biological and pathological aspects of cancer in the human body, as well as the principles of radiobiology and general management of patients with malignant disease. Emphasis is placed on the role of radiation therapy in a curative or palliative role. Students will review several cancer sites and participate in labs to assist them in applying theory to simulated situations.
Requisite Courses: BIOL-1112 [prerequisite(s)]; CCMB-2901 and CCMB-2903 (must be taken concurrently).

CCMB-2903 (3) Treatment Planning and Dosimetry I (3 hrs Lecture) The goal is to provide the student with the necessary mathematical and technical skills, as well as the attitudes, which are required in the planning process. Because of the dangers inherent in the use of ionizing radiation the student must be knowledgeablecause ofp Tj 0 -1 Requisite Courses: BIOL-1112 [prerequisite(s)]; CCMB-2901 and CCMB-2903 (must be taken concurrently).

Program, CCMB-2901, CCMB-2902, CCMB-2903, CCMB-2520 [prerequisite(s)].

CCMB-2911 (3) Professional Practice and Patient Care in Radiation Therapy II (3 hrs Lecture) This course builds on Fundamentals of Care in Radiation Therapy I (CCMB 2501). Topics will be reviewed from CCMB 2501 and additional topics as listed, are focused on in such a way that the student will directly apply them to radiation therapy. Topics covered include: professionalism, accountability and advocacy in health care, complementary and alternative treatments, psychosocial aspects of care, patient assessment and education, supporting physiological health, and various other tutorials relevant to the care of radiation therapy patients and their families. The lab component provides opportunity to apply theory to practice in simulated situations.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2912 (must be taken previously or at the same time as this course).

CCMB-2912 (3) Clinical Radiation Oncology II (3 hrs Lecture) This course builds upon the knowledge and skills acquired in Clinical Radiation Oncology I. The course continues to focus on cancer, with emphasis on clinical presentation, routes of spread and the management of major tumor sites in both adults and children. Considerable time is spent on treatment techniques and sequelae of treatment, which enhances the student's critical thinking skills as it relates to a variety of scenarios. Students will also gain an understanding of systemic radiation therapy treatment and the role of radiation therapy in the treatment of benign disease. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2911 and CCMB-2913 (must be taken previously or at the same time as this course).

CCMB-2913 (3) Treatment Planning and Dosimetry II (3 hrs Lecture) A continuation of Treatment Planning and Dosimetry I, this course focuses on the application of previously learned information. The course will actively encourage and provide opportunity for the student to apply knowledge in other related areas to the skilled and accurate planning of treatment. Treatment plans will be designed combining technical aspects (such as 3D conformal imaging, 3D imaging, adjacent fields, electron therapy, etc.), with the specific needs of the patient. In order to enhance learning, students will be encouraged to critique a variety of treatment plans, both as a method of evaluating their own work in terms of accuracy, efficiency, and feasibility; and as a quality assurance tool, promoting excellence in the field of radiation therapy.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 [prerequisite(s)]; CCMB-2912, CCMB-2530, or the former PHYS-2530 (must be taken previously or at the same time as this course).

CCMB-3901 (3) Directed Studies I (Directed Reading with variable meeting hours) This course is structured to provide a learner-centered environment and is intended to build on previous courses specific to radiation therapy and supporting students in understanding clinical oncology concepts of specified malignant conditions. This knowledge will enhance the student's problem solving and decision making capabilities and support the student's ability to perform in the clinical radiation therapy environment as they develop as Radiation Therapists.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2912 [prerequisite(s)]; CCMB-3914, CCMB-2510 or the former PHYS-2510 (must be taken previously or at the same time as this course).

CCMB-3903 (3) Directed Studies II (3 hrs Directed Reading) Affiliations are scheduled in a number of areas within CCMB as well as other relevant areas (e.g., diagnostic radiography, MRI, US). An independant learning project, researching a topic of special interest to the student and culminating in a paper of not less than 3000 words must be submitted. Competency Based examinations will assess both the cognitive (knowledge, application and critical thinking) and affective domains of learning related to Radiation Therapy practice.
Requisite Courses: CCMB-3924 (must be taken concurrently); Admission to the Radiation Therapy Program, CCMB-3901 [prerequisite(s)].

CCMB-3914 (9) Clinical Education II (3 hrs Lecture) Students will apply concepts of radiation therapy to clinical practice under the supervision of a registered radiation therapist (R.T.T.). The focus will be on the planning and delivery of radiation treatment, as well as assessment, communication, and teaching skills. Opportunities to problem solve through applications of knowledge to the clinical situation, will be provided.
Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2911, CCMB-2912, CCMB-2913, CCMB-2530 or the former PHYS-2530, CCMB-2540 [prerequisite(s)]; CCMB-3901 or CCMB-2510 (must be taken previously or at the same time as this course).

CCMB-3924 (1 or 12) Clinical Education III (3 hrs Apprenticeship/Internship/Practicum) The student is assigned to a variety of clinical areas, with the majority of time spent in the planning and delivery of treatment. Students continue to apply fundamental concepts of radiation therapy to the care of cancer patients of aBT 1ihs, and their families, during the time in which they are undergoing radiation therapy. The focus will be on the critical thinking, communication skills, team work, and advocacy. The level of clinical responsibilities is increased as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.).
Requisite Courses: CCMB-3914 [prerequisite(s)]; CCMB-3903 (must be taken concurrently).

CCMB-3934 (6) Clinical Education IV (3 hrs Lecture) The student will continue to apply fundamental concepts of radiation therapy, mainly in planning and delivery of care to cancer patients of aBT 1ihs, and their families, during the time in which the patient is undergoing treatment. The level of clinical responsibilities is increased as the student performs competencies under the supervision of a

RELIGION AND CULTURE

REL-1001 (6) Religion and Identity in Contemporary Canada (3 hrs Lecture) This course introduces students to the religious diversity inherent in contemporary Canadian life. It considers the ways different faiths influence and are influenced by the multicultural and pluralistic nature of Canadian society. It encourages students to reflect on the ways individual believers and their religious communities are affected by social forces such as popular culture, politics, globalization, and the economy.

REL-1002 (3) Exploring Religions: World's Religions (3 hrs Lecture) Religion is a universal phenomenon that varies in meaning from culture to culture. This course examines the ways religion is understood in different cultures, introducing basic concepts used in the academic study of religion (e.g., sacred and profane, myth and history, symbol and ritual, etc.) through a survey of the major world religious traditions (e.g., Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, Taoism, and the religions of indigenous peoples of North and South America). The teachings of individual traditions, how these teachings developed over time, and differences in interpretation will be examined against the background of the culture that produced them.

REL-1003 (6) Exploring Religion: the Bible (3 hrs Lecture) The meaning of the Bible is seldom self-evident. It has been interpreted in different and sometimes contradictory ways by various faith communities, within both Judaism and Christianity, who look to the Bible as an authoritative religious guide. The course seeks to explain why the Bible has been interpreted differently by various religious groups living in different times and places. It does so by introducing students to modern biblical scholarship, which sees the Bible against the background of the historical, political, cultural and intellectual contexts in which the biblical texts were written and interpreted.

REL-2001 (6) Elementary Biblical Hebrew (4 hrs Lecture) This course will introduce students to the fundamentals of biblical Hebrew grammar and vocabulary. Selected prose texts in the Hebrew Bible will be read and translated.

REL-2010 (6) Introduction to Modern Standard Arabic (3 hrs Lecture | 1 hrs Lab) This course is designed to introduce Modern-Standard Arabic to students who have little or no prior knowledge of the language. Students learn the Arabic alphabet, master basic concepts of case and agreement, learn how to form id~fah constructions, and form simple nominal and verbal sentences. Vocabulary and additional grammatical concepts are discussed and integrated into classroom exercises and homework assignments. Near the end of the course students are introduced to classical Arabic for studying historical religious texts. Arabic speakers and persons with more than the most rudimentary prior knowledge of Arabic are not permitted to take this course.
Restrictions: Department Permission Required.
Requisite Courses: REL-2010L (lab) (must be taken concurrently).

REL-2121 (3) Origins of Rabbinic Judaism (3 hrs Lecture) This course will trace the religious history of Jews and Judaism from the period of Ezra and Nehemiah (400 BCE) through the formative period of Rabbinic Judaism in the last centuries BCE to the time of the Mishna (200 CE) and Talmudim (600 CE).

REL-2125 (3) Modern Biblical Interpretation (3 hrs Lecture) This course begins with a study of contemporary hermeneutical theory, and proceeds to demonstrate modern approaches to reading and understanding biblical texts (interpretation), including the historical, literary, feminist, and social-scientific approaches.

REL-2127 (3) Major Biblical Themes (3 hrs Lecture) This course will examine biblical texts on various themes such as creation, salvation, law and covenant, priesthood and kingship, death and human destiny.
Restrictions: Students may not hold credit for this course and REL-3155.

REL-2131 (3) Apocalyptic Literature (3 hrs Lecture) This course will begin with a general introduction to apocalypse as a unique literary genre and will examine some of the problems of reading and interpreting apocalyptic writings in the light of their ancient contexts. This will be followed by an analysis of selected biblical and extra-biblical apocalyptic texts.
Restrictions: Students may not hold credit for this course and REL-2010_3.

REL-2211 (3) Studies in the Synoptic Gospels (3 hrs Lecture) This course seeks to understand the origin of the three Synoptic Gospels of the New Testament - Matthew, Mark, and Luke - and the relationship among them. The study also involves a close examination of the distinctive character of these Gospels according to their literary and theological presentations of Jesus.
Restrictions: Students may not hold credit for this course and REL-2211_6.

REL-2213 (3) Jesus in John (3 hrs Lecture) This course analyses the literature of the Fourth Gospel and the Johannine Epistles in their respective contexts. The intention is to discover the implication of the Johannine ways of presenting Jesus to the first communities of readers in their social settings.
Restrictions: Students may not hold credit for this course and REL-2122.

REL-2302 (3) The Age of Renaissance and Reformation (3 hrs Lecture) With the disintegration of the medieval synthesis, a spiritual revolution swept Europe, precipitating profound changes in religious life and thought. This course will examine the impact of the Reformation/Renaissance on Western religious consciousness, focusing on such seminal figures as Erasmus, Luther, Calvin, and Ignatius.
Restrictions: Students may not hold credit for this course and REL-2202.

REL-2304 (3) Atheism, Skepticism and Religion (3 hrs Lecture) This course explores the five major contemporary critiques of religion, all of which have their roots in the writings of 19th and 20th Century critics of religion. Students will learn about the original historical contexts of the interpretations of religion advanced by Karl Marx, Sigmund Freud, Emile Durkheim, Max Weber, and Friedrich Nietzsche. The main concern of the course is to examine how these five powerful critiques shape the ways contemporary North Americans understand religion.

REL-2305 (3) Early and Medieval Christianity (3 hrs Lecture) This course introduces students to the religious and social changes that took place within the Christian tradition in the first fifteen centuries of the Common Era. Students explore the varieties of Christianity that emerged in this period in response both to theological debates within the church and to political forces in Europe, Africa and the Middle East. This course examines the changing relations between the church and imperial powers, as well as the development of monastic orders, mystical piety, the sacramental system, and the papacy. In addition, several key figures (such as Augustine and Aquinas) and key debates (such as the nature of sin and the trinity) are discussed.
Restrictions: Students may not hold credit for this course and REL-2300 | REL-2301 | REL-2311.

REL-2306 (3) Christianity in the Modern Era (3 hrs Lecture) This course is a survey of modern Christianity as a global phenomenon from the 16th century to the present. This course examines the changing role of the church within the modern world from the Reformation to contemporary societies. It also examines the decline of Christianity in the West and its growth in the global South. Finally, this course introduces students to major thinkers within the modern church, including Martin Luther, Menno Simons, Dietrich Bonhoeffer, Dorothy Day, Desmond Tutu and Kwok Pui Lan.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-2363 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.
Cross-listed: HIST-2108(3) and REL-2363(3).
Restrictions: Students may not hold credit for this course and HIST-2108 | MENN-2101.

REL-2364 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.
Cross-listed: HIST-2109(3), MENN-2102(3).
Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | MENN-2102.

REL-2401 (3) Religion and Popular Culture (3 hrs Lecture) This course considers the place of religion in North American popular culture. It explores how elements

existential aspects of western secularity. Broadly, the course engages topical questions of public life in a secular world from an interdisciplinary perspective. Issues of focus may include: the role of religion in the public sphere; religion, secularism and social justice; individual and group identity in secular contexts; ecology in a secular world; communication in secular society; skepticism, atheism and religious faith.

REL-2407 (3) Contemporary Religion from a Social Scientific Perspective (3 hrs Lecture) This course will introduce students to the ethnographic approach to religious phenomena, as well as the range of social scientific theories with which ethnography is associated. The distinguishing feature of ethnographic research is the way it involves the observer in the everyday lives of the people he or she is studying. This course explores several recent examples of participant observation research in the context of North American religious groups. As well, the course considers the relevance of the work of scholars such as Malinowski, Levy-Bruhl, Turner, and Geertz for the ethnographic study of contemporary religious life.

REL-2409 (3) The Law and Politics of Culture: Multiculturalism and Cultural Rights (3 hrs Lecture) This intensive four-week course introduces students to contemporary scholarly debates on multiculturalism and cultural rights. The course will be offered in Kuala Lumpur, Malaysia. Students are familiarized with a range of disciplinary perspectives on how to theorize multiculturalism and cultural rights. In addition, they examine socio-political struggles over issues of culture in different parts of the globe, with special attention given to Malaysia. Fieldtrips, lectures, and presentations provide students firsthand experiential knowledge of Malaysia's religious and cultural diversity. Students also examine the unique ways in which this diversity is managed by Malaysian social and political institutions.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-2425 (3) Religion and Contemporary Moral Issues (3 hrs Lecture) This course explores the relationship between religion and morality through a consideration of selected contemporary moral issues and the religious responses to them. Issues to be considered may include those pertaining to gender and sexuality, beginning and end-of-life debates, war and peace, ecology and the environment, human rights and social justice. Through its engagement with each of these issues, the course analyzes how religion implicitly and explicitly shapes modern moral thinking.

REL-2442 (3) Psychology of Religion (3 hrs Lecture) This course provides an overview of the historical development of psychology of religion as an academic discipline and a movement. We examine William James' and Granville Stanley Hall's studies of religious experience from the late 19th century. Major themes in psychology of religion are articulated and categorized in the context of their early development. Issues of religious conversion and the genesis of religious experience are examined in relation to theoretical perspectives from psychology such as experimental psychology, behaviorism, psychoanalysis, depth psychology, and transpersonal psychology. Finally recent developments in the psychology of religion movement in North America are covered.

REL-2507 (3) Sexuality in the Religious Context (3 hrs Lecture) This course will observe patterns in the interpretation and regulation of human sexual relations in one or more of the major religious traditions, and will explore the implications of changes in these relationships in the modern world for those whose cultures are informed by those traditions. Included will be the implications of feminist movements for contemporary religions.

REL-2508 (3) Images of Power: the Technological and the Religious Imaginations (3 hrs Lecture) This course begins in the realization that every act of world construal is fundamentally an act of imagining, with social-institutional causes and consequences. It examines ways in which, beginning in the seventeenth century, experimental science, possessive individualism, global capitalism, mass media, militarism, and environmentalism challenged the traditional religious imagination and presented different paths for society to follow.

REL-2511 (3) Religion and Society: the Critique of Development (3 hrs Lecture) The course will examine the rise of a secular, capitalist, technological world order in Western Europe and North America, and its impact upon the rest of the world. The contribution of Christianity to this new world order, together with its increasing marginalization, will be noted. The responses of the affected cultures and religions, in particular their critique of Western imperialism and its visions of development, and their alternative proposals, will be examined. The role of religion as a factor which inhibits or encourages social change, in different contexts, will be a main theme.
Restrictions: Students may not hold credit for this course and REL-2512.

REL-2513 (3) Health, Healing and Spirituality in Cross-Cultural Perspective (3 hrs Lecture) This course examines the role which spirituality plays in health and the practice of healing, exploring how different ideas about healing and spirituality are rooted in distinct cultural perspectives. Topics covered will include comparisons of the relationship between religious beliefs, the process of healing, and the practice of medicine in the history and current experience of different cultures, both Western and Non-Western.

REL-2515 (3) Ecology and Religion (3 hrs Lecture) This course explores the relationship between the religious beliefs and perceptions about nature in the context of Western, Eastern, and indigenous cultures. A critical examination is offered of the ways in which Christian perceptions of nature have influenced the development of western science and technology. As well, the course provides a survey of some contemporary scholarly attempts to relate ecology and religion.

REL-2560 (3) Secularism in Comparative Perspective (3 hrs Seminar/Discussion) How are "religion" and "secularism" best understood? In what ways are they related to one another? What can these relations tell us about "liberal" and "fundamentalist" socio-political movements in different parts of the globe? This course addresses these questions by introducing students to the latest anthropological scholarship on religion and secularism. Students explore how different forms of secularism interact with various Abrahamic and Asian religious traditions. Course readings cover a number of different countries including Egypt, France, Russia, Israel, India, and China.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-2601 (3) Contemporary Jewish Life (3 hrs Lecture) This course will examine the beliefs, trends, and institutions operative in modern Jewish communities, particularly in North America, Europe, and Israel. Contemporary Judaism will be seen in both its religious and cultural aspects.

REL-2605 (3) Modern Christian Denominations (3 hrs Lecture) This course concentrates on specific Christian institutions, bodies or movements such as, but not limited to, the following: The Roman Catholic Church, the Orthodox Church, the Anglican Church, the United Church of Canada, and the Pentecostal churches.

REL-2607 (3) New Religions in North America (3 hrs Lecture) This course will survey alternative religious movements which have recently arisen in North America, some as mission enterprises from elsewhere, others as spiritual responses from within the North American situation. Winnipeg and Manitoba groups will be emphasized. The aim of the course will be to understand the groups on their own terms, and to begin to think about how we might respond to and evaluate these movements.

REL-2632 (3) The Holocaust in Europe Field Course (3 hrs Lecture) This 3-credit field course in Europe builds on themes and content surveyed in HIST-2328, Antisemitism and the Holocaust. It investigates Jewish cultural and religious life in Europe before the Second World War, the nature and institutions of Nazi Germany, the ghetto and camp system created as a part of the Final Solution, the economics of slave labour as part of the German war economy, post-war memorialization of the destruction of European Jewry, and contemporary European antisemitism. Locations for the field course vary for specific course offerings, but include sites in Poland and other countries throughout Central Europe.
Cross-listed: HIST-2332(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-2332.
Requisite Courses: HIST-2328 or permission of the instructor [prerequisite(s)].

REL-2702 (3) Women in Islam (3 hrs Lecture) We explore in this course the status and roles of Muslim women from the perspectives of the basic Islamic texts (The Qur'an and the Prophetic Traditions). Specific themes include rights and equality, marriage and divorce, seclusion and dress codes, religious, economic and socio-political participation. Explications and applications of these themes by Traditional Muslim scholars (exegetes, jurists) over several generations are analyzed. The course also reviews a few outstanding women in Islamic History and addresses the intellectual and social activities of some modern Muslim women.
Restrictions: Students may not hold credit for this course and REL-2714.

REL-2703 (3) Religions of India (3 hrs Lecture) This course explores the diversity of religious expression in India against the background of Indian culture. The focus will be on the origins and historical development of Indian ideas and practices. These are represented in the dominant tradition of Hinduism, as well as other important traditions originating in India (Buddhism, Jainism, and Sikhism), emphasizing continuities, patterns, and distinct developments.

REL-2704 (3) Buddhist Traditions in India and Southeast Asia (3 hrs Lecture) The course examines Buddhist beliefs and practices, focusing on the life and teachings of Gautama, the historical founder, the interpretation of his message in the Theravada tradition, and the development of Mahayana tradition in India. Special attention is given to examining the scriptural literature upon which these traditions are based and the spread of Theravada traditions to Sri Lanka and Southeast Asia.

REL-2707 (3) Chinese Religions (3 hrs Lecture) This course is a study of the basic beliefs and practices of the Chinese as informed by the three major Chinese traditions: Confucian, Taoist (Daoist), and Buddhist. The course will examine the development of each of these traditions, as well as their blending into a comprehensive set of beliefs and practices that shaped the common understanding and practice of Chinese religion. The effect of Communism on Chinese religious life and the resurgence of religion in Contemporary China will also be examined.
Cross-listed: EALC-2707(3).
Restrictions: Students may not hold credit for this course and EALC-2707.

REL-2708 (3) Religion in Japanese Life (3 hrs Lecture) This course examines the religious life of the Japanese people, as informed by traditions deriving from the native Shinto religion of Japan, the adapted traditions of Buddhism and Confucianism, and the impact of Westernization and modernization on traditional beliefs and practices.
Cross-listed: EALC-2708(3).
Restrictions: Students may not hold credit for this course and EALC-2708.

REL-2709 (3) Women in Asian Religions (3 hrs Lecture) The course examines the experience of women in several

Asian cultures (e.g., India, China, Japan), in different religious traditions (e.g., Hinduism, Buddhism, Confucianism, Daoism). The course is intended as a comprehensive introduction to women's experience in both pre-modern and modern contexts, with attention to how women are perceived and perceive themselves in religious and cultural roles.
Cross-listed: EALC-2709(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and EALC-2709.

REL-2710 (3) Classical Islam (3 hrs Lecture) This course focuses on the religious tradition of Islam from its inception through the medieval period. The message and the style of the Qur'an are examined, and Muhammad's life and experience as a prophet are traced. The fundamental beliefs and major practices of Islam are critically explored. The course also examines the emergence of religious, political and legal institutions in the early centuries of Islam. In addition, attention is given to theological, philosophical and mystical interpreters of Islamic ethos, with particular reference to specific scholarly interpretations from different regions of the Islamic world.

REL-2711 (3) Contemporary Islam (3 hrs Lecture) This course explores Islam as a faith and way of life in the modern context. Examples of Muslim approaches to modernity in general are examined, and modern interpretations of selected Qur'anic themes are studied. Themes such as gender equality and the freedom of women, and their implications for contemporary Islam, are discussed. The course traces the activities and opinions of Muslim organizations from the Muslim world. In addition, it assesses the current status of Islam in North America.
Restrictions: Students may not hold credit for this course and REL-2701.

REL-2713 (3) Muslims in Canada (3 hrs Lecture) This course provides an historical overview of the Muslim community in Canada. The rise and development of Islamic institutions, organizations, associations, and forms of leadership are examined. In addition, Islamic identity, religious lifestyle, Islamic education, and the range of challenges facing Muslims living in Canada are discussed.

REL-2714 (3) Gender and Sexuality in Muslim Societies (3 hrs Lecture) This course addresses gender and sexuality in Muslim Societies. It is divided into two parts. The first part explores Islamic legal doctrine on women's status, focusing on: (1) marriage and divorces; (2) property rights and inheritance; (3) veiling and segregation. Students review scriptural texts on these issues, and examine how these texts have been interpreted and applied in both the pre-modern and modern periods. The second part of the course explores Muslim understandings of masculinity and the same-sex attraction. Special attention is given to cultural shifts since the nineteenth century and the impact of contemporary Western conceptions of "homosexuality".
Note: Students may not receive credit for both this course and REL-2702.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and REL-2702.

REL-2715 (3) African Religions (3 hrs Lecture) Africans have, for long, practiced several closely related but diverse religions. This course surveys African Religions taking into account this religious plurality. Certain themes, including, cosmology and mythology, monotheism and polytheism,

REL-2731 (3) Chinese Culture and Beliefs (3 hrs Lecture) This course focuses on Chinese traditions and values that have influenced modern Chinese society. This course is introductory and requires no prior knowledge of Chinese language and history. All the texts in this course are in English. Students discover ways in which cultural representations in social life, customs, business practice, literature, and art have affected and are being affected by beliefs. Through lecture and guided discussion students better understand how traditions and beliefs continue to inform about Chinese culture today.
Cross-listed: EALC-2731(3).

REL-2733 (3) Religious Traditions of Korea (3 hrs Lecture) This course provides an historical overview of Korean religious traditions. We examine the historical processes that world religious traditions--Buddhism, Confucianism, and Christianity--have undergone in Korea. Then we consider the Korean folk religious tradition, Shamanism, and new religions in relation to the social context of contemporary Korea. The various Korean religious traditions are critically examined in terms of their cumulative, participatory process in world religious history.

REL-2740 (3) Spirits, Ghosts and Demons: Exploring the Supernatural in Pre-Modern East Asian Literature and its Contemporary Cinematic Adaptations (3 hrs Lecture) This course introduces students to classic works of pre-modern East Asian fiction and drama that contain elements of the supernatural. It screens cinematic and theatrical adaptaptions of pre-modern ghost stories and offers a comparative perspective on how pre-modern texts and culture are consumed today. We can view supernatural interventions as a measuring stick against which to gage the propriety of

successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and HIST-2811.

REL-2872 (3) African Traditional Religions and Christian Encounter (3 hrs Lecture) This course introduces students to the historical and contemporary encounter between African Traditional Religion (ATR) and Christianity. It includes an examination of how adherents of ATR have integrated the Christian message into their own cultural and religious contexts in the form of mission and African Initiated/Indigenous/Independent Churches(AIC). This course also explores the nature of religious pluralism and dialogue in the African context. Finally, it examines how Christianity has joined ATR in confronting a range of social issues and conflicts that have emerged in Africa in the postcolonial era.

REL-2901 (3 or 6) Art in Non-Christian Religions (3 hrs Lecture) This course explores the intrinsic links within non-Christian religious traditions between beliefs and social systems and the art produced in those contexts. We examine different traditions, regions, and eras, in religions such as Buddhism, Hinduism, Islam, Judaism, and Aboriginal Spirituality, and media such as architecture, decorative arts, painting, and sculpture. Students explore art's implicit and explicit messages about the religious beliefs of its producing society, the function of art in particular religions, and how one reads religious art. We investigate the impact of social, economic, and power structures on religious art, and the role of patronage in art production.
Cross-listed: HIST-2802(3).
Restrictions: Students may not hold credit for this course and HIST-2802.

REL-2942 (3) The Philosophy of Yoga (3 hrs Lecture) In this course students become acquainted with the dualistic philosophy of Vedanta and classical yoga through their study of the Bhagavad Gita and Patangali's Yoga Sutras. Students also examine the practices and teachings of the non-dualistic philosophy of Kashmir Shaivism as an evolution of the earlier teachings. The Siva Sutras are used to exemplify and illustrate these teachings. This course is taught using a mixture of lectures, group discussions and individual Yogic exercises/practices.

REL-2951 (3) Dying, Death and the Afterlife: An Historical Investigation of World Religions (3 hrs Lecture) While we may not tend to give it a great deal of thought for most of our lives, a single fact unites every single person who has ever lived: the inevitability of death. Each major world religion has given an answer to the question of dying, death and the afterlife. This course offers an historical overview of religious thanatologies and how these originated and developed.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

REL-3011 (3) Intermediate Classical Arabic (3 hrs Lecture) This course is a continuation of REL-2010 Introductory Classial Arabic. Students continue their study of classical Arabic for studying historical religious texts. The goal of this course is to be able to form and understand Arabic sentences with short vowels. Selected historical religious texts, such as Qur-anic and prephetic texts, are utilized in the course instruction.

REL-3120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) This course is a study of the biblical prophetic literature in its social and religious context, paying attention to the prophets' perspectives on social, political, theological, and moral concerns.
Cross-listed: REL-4120(3).
Restrictions: Students may not hold credit for this course and REL-3121 | REL-3122 | REL-4120.
Requisite Courses: REL-1003, REL-2125, or REL-2127 or permission of the instructor [prerequisite(s)].

REL-3125 (3) Biblical Myths, Legends, and Folktales (3 hrs Seminar/Discussion) This seminar course begins by surveying major cross-cultural approaches to the study of myths, legends, and folktales. These approaches are then applied to biblical stories such as the Garden of Eden, flood, ancestor stories, and exodus traditions.
Cross-listed: REL-4125(3).
Restrictions: Students may not hold credit for this course and REL-4125.
Requisite Courses: REL-1003 or permission of the instructor [prerequisite(s)].

REL-3157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) This course examines the roles and status of women in ancient Israelite culture and religion. Topics to be treated include women in myth and other genres of traditional narrative, the female life-cycle, and women in law, politics, priesthood, and prophecy.
Cross-listed: REL-4157(3).
Restrictions: Students may not hold credit for this course and REL-4157.
Requisite Courses: REL-1003 or REL-2111 or REL-2125 or WGS-1232 or permission of the instructor [prerequisite(s)].

REL-3504 (3) The Problem of Evil (3 hrs Seminar/Discussion) In this seminar, we explore some of the ways Christians, Jews, and Muslims have conceptualized evil and responded to the problem of evil throughout history. In order better to understand this perennial religious problem, we consider selections from ancient scriptures, philosophical explanations, theological responses to catastrophes such as the Holocaust, and the depictions of evil in North American popular culture.
Cross-listed: REL-4504(3).
Restrictions: Students may not hold credit for this course and REL-4504.
Requisite Courses: Any 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3512 (3) Religious Quest in the Modern Age (3 hrs Seminar/Discussion) Students in this course explore contemporary literature against the cultural and political background that produced these kinds of fiction. Students

Requisite Courses: REL-1002, REL-2701, REL-2702, REL-2710 or REL-2711 or permission of the instructor [prerequisite(s)].

REL-3704 (3) Chinese and East Asian Perspectives on Human Rights (3 hrs Seminar/Discussion) This course focuses on conceptions of human rights in the Chinese and East Asian cultural context. Topics covered include Western notions of human rights as an imported concept, especially notions that emphasize the individual and individual autonomy. The reception of Western ideas is examined and contrasted with native Asian conceptions that tend to emphasize individual responsibility within a communitarian framework. The course explores the diversity of Asian views on the topic, with a focus on those emanating from Chinese culture.
Cross-listed: REL-4704(3) and EALC-3704(3)/4704(3) and HR-3311(3).
Restrictions: Students may not hold credit for this course and EALC-3704 | HR-3311 | HRGS-3311.
Requisite Courses: At least one non-language course in East Asian Languages & Culture or permission of the instructor [prerequisite(s)].

REL-3707 (3) Zen Buddhism and East Asian Culture (3 hrs Seminar/Discussion) This course examines the history of Zen (Chinese Chan) Buddhism against the background of East Asian culture and its Buddhist heritage. The course features an examination of classical Zen texts (in translation), contrasting traditional interpretations with those of contemporary scholars.
Cross-listed: REL-4707(3) and EALC-3707(3)/4707(3).
Restrictions: Students may not hold credit for this course and EALC-3707 | EALC-4707 | REL-4707.
Requisite Courses: REL-1002 or REL-2703 or REL-2704 or REL-2708 or permission of the instructor [prerequisite(s)].

REL-3708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.
Cross-listed: REL-4708(3) and EALC-3708(3)/4708(3).
Restrictions: Students may not hold credit for this course and EALC-3708 | EALC-4708 | REL-4708.
Requisite Courses: 6 credit hours of EALC course work or permission of the instructor [prerequisite(s)].

REL-3710 (3) The Bible and the Qur'an (3 hrs Seminar/Discussion) This course utilizes an interdisciplinary approach to explore the relationship between the Bible and the Qur'an. Themes (such as creation, prophecy, divine law, rituals and holy war) common to both texts, are examined in the context of the interpretation of these themes by Jewish, Christian and Muslim scholars (such as Jacob Neusner, William Brinner, F. E. Peters, Charles Adams and Raji al-Faruqi).
Cross-listed: REL-4710(3).
Restrictions: Students may not hold credit for this course and REL-4710.
Requisite Courses: One of REL-1002, REL-2701, REL-2702, REL-2710, REL-2711 or permission of the instructor [prerequisite(s)].

REL-3720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course explores the development of intellectual culture in Tokugawa Japan (1600-1858). We examine the slaughter of Japanese Christians and Confucianism's subsequent rise as a state ideology for the Shogunate. We study how an increasing number of scholars responded to Chinese learining by turning toward Neo-Confucianism, Japanese nativism, and Western learning, as alternatives to Classical Confucian education. Along with the diversity of thought, we explore how popular culture materialized in forms of print literature and theatrical entertainment. Finally, we focus on the culture of dissent that emerged as the Shogun's reign came to an end.
Cross-listed: EALC-3720/4720(3) & REL-4720(3).
Restrictions: Students may not hold credit for this course and EALC-3720.
Requisite Courses: Prerequisite: One of Rel-1002, Rel-2704, Rel-2705, Rel-2707, Rel-2708, Rel-2709, Rel-2718, or Rel-2721. Written Permission of the Instructor is required if one of the above prerequisite's is not met [prerequisite(s)].

REL-3721 (3) The Age of the Samurai (3 hrs Lecture) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.
Cross-listed: REL-4721(3) and EALC-3721(3)/4721(3).
Restrictions: Students may not hold credit for this course and EALC-3721 | EALC-4721 | REL-4721.
Requisite Courses: REL-2721 or EALC-2721 or permission of the instructor [prerequisite(s)].

REL-3731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4731(3) and EALC-3731(3)/4731(3).
Restrictions: Students may not hold credit for this course and EALC-3731.

REL-3802 (3) Indigenous Healers (3 hrs Seminar/Discussion) This course focuses on the religious/spiritual leaders who are often referred to as

medicine men/women or shamans. These individuals primarily function as healers but may also serve as Elders, prophets, priests, philosophers, intellectuals, mystics, artists, poets, and musicians, among other roles. This course examines the historical and contemporary place of these highly respected persons in Indigenous religious traditions.
Cross-listed: REL-4802(3).
Restrictions: Students may not hold credit for this course and REL-4802.
Requisite Courses: REL-2801 or REL-2802 or REL-2803 or permission of the instructor [prerequisite(s)].

REL-3803 (3) Indigenous Women's Teachings (3 hrs Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous women. In addition, due to historical circumstances, the importance of women in worldview and ceremony has often been overlooked or sublimated in the written sources. This course examines the teachings, ceremonies, and issues related to Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.
Cross-listed: REL-4803(3).
Restrictions: Students may not hold credit for this course and REL-4803.
Requisite Courses: REL-2801, REL-2802, or REL-2803 [prerequisite(s)].

REL-3804 (3) Indigenous Spirituality: Research Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanites Research Council related to the development of an Indigenous Research Paradigm, or a decolonizing approach to research and scholarship are discussed. During the term, students develop their own research projects in consultation with the professor.
Cross-listed: REL-4804(3).
Restrictions: Students may not hold credit for this course and REL-4804.
Requisite Courses: REL-2801 or REL-2802 or REL-2803 [prerequisite(s)].

REL-3805 (6) Indigenous Ceremonies and Healing (6 hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous perspective; which engages the four aspects of the self (mind, body, spirit, emotions) in the learning process. The course is offered in the spring/summer session when major ceremonies are held and involves some overnight camping. Students use their experiential learning as a framework to engage written sources related to the ceremonies and teachings. There are higher expectations for 4000 and graduate levels.
Restrictions: Students may not hold credit for this course and REL-4805.
Requisite Courses: One of REL-2801, REL-2802, REL-2803, REL-2804, REL-3802, REL-4802, REL-3803, REL-4803, REL-3804, or REL-4804 or permission of the instructor [prerequisite(s)].

REL-3900 (3) Topics in Historical Judaism, Christianity, or Islam (3 hrs Seminar/Discussion) This course explores specific topics in the Historical Judaism, Christianity, or Islam area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4900(3).
Restrictions: Students may not hold credit for this course and REL-4900.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Historical Judaism, Christianity, or Islam area of study, or permission of the instructor [prerequisite(s)].

REL-3940 (3) Topics in Religion and Modern Western Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Religions and Modern Western Culture area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4940(3).
Restrictions: Students may not hold credit for this course and REL-4940.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Religions & Modern Western Culture area of study, or permission of the Instructor [prerequisite(s)].

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Traditions (3 hrs Seminar/Discussion) This course explores specific topics in the Indigenous Religious Traditions area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.
Cross-listed: REL-4980(3).
Restrictions: Students may not hold credit for this course and REL-4980.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Aboriginal Religious Traditions area of study, or permission of the Instructor [prerequisite(s)].

REL-3990 (6) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-4990(6).
Restrictions: Department Permission Required.

REL-3991 (3) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-4991(3).

REL-3999 (6) Languages for Religious Studies (3 hrs Tutorial) This course will provide an individual tutorial program in a language required by an advanced student in connection with ongoing study in a specialized religious field.
Cross-listed: REL-4999(6).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-4999.

REL-4120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) This course is a study of the biblical prophetic literature in its social and religious context, paying attention to the prophets' perspectives on social, political, theological, and moral concerns.
Cross-listed: REL-3120(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3120 | REL-3121 | REL-3122.
Requisite Courses: REL-1003, REL-2125, or REL-2127 and written approval from Department's Honours Chair [prerequisite(s)].

REL-4125 (3) Biblical Myths, Legends and Folktales (3 hrs Seminar/Discussion) This seminar course begins by surveying major cross-cultural approaches to the study of myths, legends, and folktales. These approaches are then applied to biblical stories such as the Garden of Eden, flood, ancestor stories, and exodus traditions.
Cross-listed: REL-3125(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3125.
Requisite Courses: REL-1003 and permission of the Department Chair [prerequisite(s)].

REL-4157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) This course examines the roles and status of women in ancient Israelite culture and religion. Topics to be treated include women in myth and other genres of traditional narrative, the female life-cycle, and women in law, politics, priesthood, and prophecy.
Cross-listed: REL-3157(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3157.
Requisite Courses: REL-1003, REL-2111, REL-2125, or WGS-1232, and permission of the Department Chair [prerequisite(s)].

REL-4504 (3) The Problem of Evil (3 hrs Seminar/Discussion) In this seminar, we explore some of the ways Christians, Jews, and Muslims have conceptualized evil and responded to the problem of evil throughout history. In order better to understand this perennial religious problem, we consider selections from ancient scriptures, philosophical explanations, theological responses to catastrophes such as the Holocaust, and the depictions of evil in North American popular culture.
Cross-listed: REL-3504(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3504.
Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4512 (3) Religious Quest in the Modern Age (3

basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Department Permission Required. Students

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3802.
Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4803 (3) Indigenous Women (3 hrs Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous women. In addition, due to historical circumstances, the importance of women in worldview and ceremony has often been overlooked or sublimated in the written sources. This course examines the teachings, ceremonies, and issues related to Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.
Cross-listed: REL-3803(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3803.
Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4804 (3) Indigenous Spirituality: Research Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanites Research Council related to the development of an Indigenous Research Paradigm, or a decolonizing approach to research and scholarship are discussed. During the term, students develop their own research projects in consultation with the professor.
Cross-listed: REL-3804(3).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3804.
Requisite Courses: REL-2801 or REL-2802 or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4805 (6) Indigenous Ceremonies and Healing (6 hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous worldview.
Requisite Courses: REL-2801 or REL-2802 or REL-2803,
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year.
Cross-listed: REL-3980(3).
Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3980.
Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Aboriginal Religious Traditions area of study, and permission of the Department Chair [prerequisite(s)].

REL-4990 (6) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-3990(3).
Restrictions: Honours Form Required.

REL-4991 (3) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.
Cross-listed: REL-3991(3).
Restrictions: Honours Form Required.

REL-4999 (6) Languages for Religious Studies (3 hrs Tutorial) This course will provide an individual tutorial program in a language required by an advanced student in connection with ongoing study in a specialized religious field.
Note: Permission of the Department Chair is required.
Cross-listed: REL-3999(6).
Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3999.

REL-5000 (6) Method and Theory in the Study of Religion (3 hrs Seminar/Discussion) This course will introduce the problem of method in Religious Studies, discussing Religion as a field of study, its definition, development, and relation to other disciplines. The student will be introduced to various methods of studying Religion and will be guided in the practice of a method suitable to his or her own area of research.

REL-5001 (3) Method and Theory in the Study of Religion I: Social Scientific Approaches (3 hrs Lecture) This course examines the problem of method in Religious Studies, 8 of a

RHETORIC AND COMMUNICATIONS

RHET-1101 (3) Academic Writing: Humanities (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1101 are designed for students likely to major in a discipline in the Humanities, such as English, History, or Philosophy. Assignments may include summaries, reviews, critiques, and research papers. Students are introduced to the styles of documenting sources and to the research databases relevant to the Humanities. The Department website provides detailed information about each section.
Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. Students

may also be considered. In addition, students will be encouraged to suggest other readings (including magazine and newspaper articles) that are suitable for rhetorical analysis.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2137 (3) Contemporary Communication Theories (3 hrs Lecture) Communication theories explain the way human beings interact verbally, at levels ranging from the interpersonal to the organizational. In this course, students are introduced to some of the major contemporary theories and practices pertaining to individual and group communication. These theories include (but are not limited to) social construction, symbolic interactionism, cultural criticism, dramatism, hermeneutics, standpoint theory, ethics, relational theories, and gender-based approaches. Readings are drawn from contemporary North American and European theorists. A variety of written and oral assignments invite students to apply their understanding of these theories to practical, even everyday communicative situations.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2141 (3) Representations of Indigeneity (3 hrs Lecture) This course investigates the representation of Indigenous peoples in contemporary and historical forms of public communication such as text books, scholarship, government documents, internet, television, news media and public awareness campaigns, and how these representations contribute to perpetuating, challenging, or dispelling racist stereotypes and colonization practices. There will be an emphasis on writing by emerging and established Indigenous writers and scholars on themed topics such as business and economics, history, politics, art, social movements, environment, and education. Students taking a major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2142 (3) Rhetoric of Animality (3 hrs Lecture) This course examines what has come to be known in the humanities as "the question of the animal". It considers how moral discourse in the West has failed to grapple with the physical and metaphysical presence of non-human animals. Students examine how the moral status of animals has been theorized in Western thought. Students interrogate the different tropes used to uphold the human-animal distinction, including the idea that speech, communication, and reason confer a special status upon humanity. Students engage a wide range of writings addressing "the question of the animal". Students taking a major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2143 (3) Rhetoric of Medicine (3 hrs Lecture) Medicine is one of the oldest and most respected professions. Given its centrality in our lives, it is crucial that medicine be taken seriously by the humanities. What, then, does rhetoric have to say about medicine? How can we use rhetoric to investigate the history, practice, and culture of medicine? What insights can rhetoric offer about medical discourse? This course explores the role of language, performance, ethics, and power in medicine. The aim is to cultivate a crucial humanistic perspective on medicine and to understand its place in the modern social imaginary. Students taking a major in Rhetoric and Communications must complete Academic Writing before taking this course.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2145 (3) Theories and Practices of Oral Communication (3 hrs Lecture) The goals of this course are threefold: to improve students' presentation skills in both design and delivery, to develop their critical analysis of presentations, and to extend their scholarly understanding of rhetoric and oratory. This course covers such topics as presentation structure, paralinguistic communication, the use of technology, charisma, gender and delivery, and rhetorical strategies of identification. Course work is evenly distributed between praxis-centred performance and scholarly reading and analysis, with assignments including both spoken presentations and theory-based research work.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2246 (3) Revolutions in Communication (3 hrs Lecture) This course provides students with an historical overview of communication, focussing particularly on those periods in which human relations were dramatically influenced by a shift from one communicative medium to another. After briefly considering the early use of pictorial symbols, the emergence of language, and the development of writing, the course examines some of the profound social changes effected in the western world by the fifteenth-century invention of the printing press. Finally, we focus on the revolutionary impact of twentieth-century communicative technologies: radio, telephone and then the computer and the Internet, the effects of which are so wide-ranging that we have only begun to assess them.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2250 (3) Communications & Popular Culture (3 hrs Lecture) This course examines the relationship between the rise of new media and discourses used to

write about popular culture. The course looks at changing rhetorics of taste, from the nineteenth to the twentieth century, as new media made art and culture more accessible to the public. New processes of mediated distribution of art changed the discursive strategies for writing about popular culture is also examined. Course topics include: the rise of photography and the technological reproducibility of images; mass media and the culture industry; technology and globalization; and augmented reality, video games, and the relationship between media and the body.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

RHET-2350 (3) Writing in Digital Spaces (3 hrs Lecture) This course is designed as an introduction to reading and writing digital texts. Just as electronic devices have become the tools of choice for composition, so networks have become a medium of choice for publication. Students learn the effects of the following contexts on writing: real-time, synchronous communication; anytime asynchronous communication; and emerging online genres (such as social media and blogs). Emphasis is on reader awareness in evaluating the credibility of material in the online environment, developing and evaluating an online ethos, and webpage production that balances audience awareness, online conventions, and visual design.
Note: You cannot receive credit for this course if you have credit for it under its former title, Reading and Writing Online.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-2500 (3) Tutoring Writing (3 hrs Lecture) This course introduces students who want to work as tutors to the current theories of tutoring writing, to the protocols and procedures of our Tutoring Centre, and to the specific demands of our students. These demands include writing in the disciplines and tutoring
English-as-an-Additional-Language writers. The course requires delivery of public workshops on writing, as well as contributions to writing centre communities nationally and internationally. As students begin tutoring, they reflect together on their experiences, increasing their resources and tutoring strategies.
Restrictions: Students may not hold credit for this course and EDUC-3301 | EDUC-3303 | EDUC-3305 | RHET-2505 | RHET-2520.
Requisite Courses: Grade of B or better in any section of Academic Writing or in any upper-level course in Rhetoric, Writing, and Communications or permission of instructor [prerequisite(s)].

RHET-2530 (3) Rhetorical Grammar (3 hrs Lecture) This course sharpens students' ability to edit efficiently at the sentence and paragraph levels. Through close analysis of examples, students first acquire a vocabulary for discussing grammar, syntax, and error that refines their understanding of English sentence structures. With these tools, students can identify structural flaws more precisely and thoroughly and better distinguish between errors and stylistic choices. The relationship between sentences - cohesion, unity, and emphasis - is then considered, and students are briefly introduced to fundamentals of style. Hands-on and skills-centred, this course includes many editing exercises.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3131 (3) Advanced Editing: Principles and Practices (3 hrs Lecture) This course addresses issues such as the negotiation of meaning in text production, changing practices of language use, and the historical and social construction of error (including attitudes about "good taste") through a study of editorial practices. Students apply rhetorical analyses of audience, purpose, genre, and context as they edit various documents to strengthen style and readability as well as to ensure accuracy and correctness. Designed to help students develop sound editorial judgement and practical abilities, the course outlines principles of editorial practice that consider the needs of the reader, improve emphasis, and remedy common stylistic flaws.
Requisite Courses: RHET-2131 or permission of the instructor [prerequisite(s)].

RHET-3132 (3) Directed Readings in Rhetoric and Composition (3 hrs Lecture) This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3133 (6) Directed Readings in Rhetoric and Composition (3 hrs Lecture) This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3138 (3) Modern Rhetorical Theory (3 hrs Lecture) This course focuses on modern theories that expand rhetoric's traditional function and scope, treating it not only as verbal suasion but also as the symbolic means by which humans define reality, create knowledge, and shape identities. From this perspective, nearly all uses of

language are to some extent rhetorical, and rhetoric is as crucial to knowledge-making in science as it is to policy-making and debate in the public sphere. Readings include early modern theorists such as Kenneth Burke and Chaim Perelman, as well as contemporary theorists such as Celeste Michelle Condit, Thomas Farrell, and Edward Schiappa.
Restrictions: Students may not hold credit for this course and ENGL-2138 | RHET-2138.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3139 (3) Rhetorics of Visual Representation (3 hrs Lecture) This course provides a systematic and comprehensive account of the grammar and rhetoric of visual design. By looking at the formal structures of design - colour, perspective, arrangement, and materiality - students examine the ways in which images communicate meaning. This course draws on a considerable range of examples to demonstrate the differences and the similarities between the grammar of language and that of visual communication. Given the influence and sophistication of visual texts and their relative neglect in scholarship, visual critique is important and necessary.
Restrictions: Students may not hold credit for this course and RHET-2139.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3145 (3) The Fifth Canon: History and Theories of Delivery (3 hrs Lecture) This course focuses on the fifth canon of rhetoric, also known as pronuntiatio, actio, or delivery. It takes an historical approach, beginning with primary classical texts and ending with contemporary theories of delivery. Topics may include the history and theory of vocal expression, rhythm, gesture, posture, and dress. Students also discuss delivery and gender, theatricality, mimesis, rhetorics of the body, and the implications of media technologies for delivery. The course situates delivery relative to the other rhetorical canons, highlighting its relationship to character, pathos, style, identity, education, and memory.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement, and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3150 (3) Studies in the Rhetoric of Nonfiction (3 hrs Lecture) This course examines nonfiction as a creative, constructive art, one that is fact-based but also draws on a wide range of literary and rhetorical resources to entertain, inform, and persuade readers. Since nonfiction encompasses a variety of genres - travel and adventure literature, memoir and biography, nature writing, the personal essay, the polemical essay, and New Journalism, to name just a few - the focus in any given year will depend on the instructor's interests and selection of readings. But whatever the focus, the course considers each text as both rhetorical and literary, taking into account the context of its writing and intended audience, its author's purposes, its central ideas, its structure, and its style.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3151 (3) Critical Studies of Discourse (3 hrs Lecture) Critical studies of discourse enable us to identify the ways that culturally prominent systems of value-laden language produce the forms and limits of probable (and even possible) thoughts and values. For example, patriotic discourses operate to legitimate the power of some groups in our culture, while making it seem equally logical to deny the rights of others. In this course, students learn techniques developed in the field of rhetorical studies for contributing to social change by recognizing, analyzing, and challenging the terms of discourse. Course assignments emphasize analysis of personal and public texts as speech acts that provide insight into the workings of the larger discourse in which they participate.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3152 (3) Digital Rhetorics (3 hrs Lecture) This course introduces students to the basic themes, issues, and intellectual debates in the study of digital rhetorics. It provides a critical perspective on what it means to live in a digitally mediated world. To this end, the course seeks to answer the following questions: How should we define media? What separates new media from old? What is the relationship of media to culture and society? What role does digital rhetoric play in a modern democracy? Students will explore a variety of issues for considering digital rhetorics, including language, ethics, power, and identity.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3153 (3) Studies in the Rhetorics of Gender (3 hrs Lecture) This course focuses on issues growing from the complex interaction of gender and language use, with a particular focus on written texts. Beginning with an overview of research on the relationship between gender and communicative behaviour, including feminist critiques of language, it considers such topics as the following: the rhetorics of women's movement and of contemporary men's movements; verbal (and, to a lesser extent, visual) constructions of masculinity and femininity in advertising and the media; innovative uses of language which resist and subvert prevailing conceptions of appropriate communicative behaviour; and the rhetoric of public debates over issues such as abortion and reproductive

technologies, in which gender is a central factor.
Cross-listed: WGS-3153(3).
Restrictions: Students may not hold credit for this course and WGS-3153.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3154 (3) The New Journalism (3 hrs Lecture) "New Journalism" arose in the 1960s when Truman Capote, Tom Wolf, Joan Didion, Hunte Thompson, and others began to infuse their reporting with rhetorical and literary technique, creating a hybrid genre of reportage that was both factual and artistic. They dethroned the novel as the most prestigious outlet for imaginative literary talent in their generation and instigated the first powerful renewal of North American letters in fifty years. The course includes works of both early and later periods of this movement, and considers a number of critical and theoretical statements about its practice.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3155 (3) Writing on the Environment (3 hrs Lecture) The focus of this course is writing on the environment, with emphasis on American and Canadian nonfiction writing after the 19th century. This includes what is often called "nature writing" -essays on farm life and backcountry living, writing about wilderness adventures, natural history essays, field guides, rambles, and other genres that rely heavily on personal narratives or descriptions of natural phenomena. But it also includes works that rely more heavily on explicit argument, among them polemical essays and philosophical inquiry. It is the rhetoric of such writing that is studied.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3156 (3) Transnational and Intercultural Language and Communication (3 hrs Lecture) The course looks at the origins and development of language from a historical perspective and moves into specific case studies of unilingual, bilingual, and multilingual groups, their languages, how they communicate, and representational media used by the group. We focus closely on how groups communicate with one another, often by using common languages and the practice of translation, and how groups use languages to represent their culture to other groups and within the group. Central to such transnational and intercultural communication is the representation of identity and heritage. As languages change, identity changes also occur.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-3305 | LING-4305.

RHET-3236 (3) Orality and Literacy (3 hrs Lecture) About 2700 years ago, Greeks began using the alphabet. A number of scholars believe that human consciousness changed dramatically when hitherto purely "oral" people became literate, and especially that literacy made abstract thought far more convenient and far more common. They argue that "oral" people think and interact and conceive themselves differently than literate ones, and that literacy led to a new sense of independent selfhood, and inevitably to democracy. A few believe that electronic media are renewing orality in Western cultures, and that we can blame such problems as the literacy crisis on radio and television. The course will examine these and related arguments in the work of such scholars as Albert Lord, Eric Havelock, Walter Ong, Jack Goody, and Neil Postman.
Restrictions: Students may not hold credit for this course and ENGL-2136 | RHET-2136.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3250 (3) Composition Studies (3 hrs Lecture) This course introduces the main theories, topics, and issues in the field of composition, including theories of the composing process; writing pedagogy; the place of the writer in the university; the relationships among writing, gender, culture, and race; and the effect of new communicative technologies on the composing process. Students rehearse many of the processes and techniques considered in the course, and they may be required to carry out a data-based research project in composition, involving systematic observation and analysis of the composing process.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3255 (3) Narrative Thinking and Writing (3 hrs Lecture) Students in this course consider narrative as a way of thinking or mode of knowing, rather than as a method of transcription. They focus on the narrative methodologies of autobiographical criticism and ethnography by examining texts that represent early and recent examples of each. Working with autobiographical criticism, students consider how feminist theory has been instrumental in the development of criticism that foregrounds the connection between self and text. Turning to ethnography, students examine changes in the relationship between observer and field. In addition to considering these issues as readers of narrative, students are asked to write narratives that engage issues requiring analysis and to reflect on how narration both enables and inhibits the development of ideas.
Restrictions: Students may not hold credit for this course

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3320 (3) Forms of Inquiry in Written Communication (3 hrs Lecture) This course examines the methods and methodologies of the research community that takes writing as its subject-defining method as a technique of gathering evidence and methodology as the underlying theory and analysis of how research proceeds. We review how the community of researchers formed since the 1960's has relied upon diverse ways to make knowledge about writing and writing processes. Students examine qualitative approaches that are common or that are gaining prominence in this community, with emphasis on ethnography, case study, and teacher research narrative. The influences of feminism, pluralism, and collaborative scholarship are also considered. Students will become familiar with these methods by reading theory and research and by conducting their own research project.
Restrictions: Students may not hold credit for this course and RHET-4320.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this class [prerequisite(s)].

RHET-3321 (3) Composing Our Winnipeg: Rhetoric Of/And the City (3 hrs Lecture) In this course, we consider how our city has been written so far, and how its culture(s) and geography are a function of confrontations between language, cultures of poverty and power, and complex institutional decision-making. Rather than ignoring or mythologizing inequities -- endorsing uncomfortable silences and uneasy confrontations as our cityspeak -- we consider some material realities and social myths that shape our thinking about Winnipeg centre and neighbourhoods: who are we, what do we do, who moves in and out? From this interaction of real and imagined city, we compose a third space that signifies what the city can be.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this class [prerequisite(s)].

RHET-3329 (3) Writing for Scholarly Audiences (3 hrs Lecture) This course addresses the varieties of scholarly discourse: why academics write and speak in a particular way, and how the contexts of political and economic environments that surround a university affect textual production. By reading and analyzing representative texts of various disciplines, students will learn to recognize and practice the sort of rhetoric used by academics. The goals of this course are threefold: (1) to increase students' awareness of norms and disciplinary conventions; (2) to help prepare students for advanced scholarship; and (3) to learn more about the pragmatic components involved in writing, thinking, and speaking at an academic level. In exceptional cases, this course may be taken to satisfy the Academic Writing requirement with permission of the Instructor and Chair.
Restrictions: Students may not hold credit for this course and ENGL-2110 | ENGL-2129 | ENGL-2130 | ENGL-2181 | RHET-2129 | RHET-2130.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course (unless waived by permission of the Department Chair and Instructor) [prerequisite(s)].

RHET-3330 (3) Investigative Journalism (3 hrs Lecture) This course provides an overview of the history, theory, and practice of investigative journalism in Canada, placing the form in historical context and surveying its major practitioners in print and broadcast. The theoretical framework of investigative journalism is analyzed and parallels are drawn to social sciences. Students learn some practical tools of the investigative journalist, including search strategies, chronologies, computer-assisted reporting, online research methods, study and analysis of public records, and access-to-information methods. The ethics and legalities of investigative journalism are surveyed and case studies analyzed.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3331 (3) Writing Internship (3 hrs Lecture) The Writing Internship involves a placement with a community organization, designed to be a writing partnership with an organization outside the university, and in some cases, university partners that need students' writing expertise. The goals of the internship are to help students learn how to write for audiences inside and outside of the academy, to learn ethical guidelines for writing with community and university partners, and to learn practical skills relating to the production of a range of texts. The specifics of each internship, including duties and responsibilities as well as start and end dates, are determined in consultation between the community organization and the academic supervisor. Training and supervision for the work components is provided by the community organization; academic oversight of the experience is provided by a faculty member. Grading is based on performance evaluation by the community organization, and on academic writing consolidating learning from the experience.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 30 credit hours (which may include cognate courses). Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3340 (3) Technical and Professional Communication (3 hrs Lecture) This course provides an overview of the emerging field of organizational

communication and an introduction to the ways in which a variety of rhetorical theories explain the strategic choices available to professional and technical communicators. Students analyze various artefacts of organizational communication, as well as plan, draft, edit, and design a range of professional and technical documents, such as business correspondence, proposals, and reports. The assignments stress the importance of a critical analysis of purpose, situation, context, and readership for making effective, appropriate, and ethical choices as technical and professional communicators. Uses and design of electronic correspondence and on-line information are discussed.
Restrictions: Students may not hold credit for this course and RHET-2140.
Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course [prerequisite(s)].

RHET-3350 (3) Communication, Ideology & Power (3 hrs Lecture) This course focuses on theories of ideology and discourse, and the rhetorical strategies used for writing about and critiquing ideological texts in the media. Using examples from contemporary media, students focus on methods of rhetorical criticism that are used for critiquing ideological texts. Students explore ways that modern mass media use rhetoric, language, and image to reproduce forms of power. Other areas include the

SOCIOLOGY

SOC-1006 (3) Beginnings in Law and Criminology (3 hrs Lecture) This course introduces students to the relationship among law, crime and society. It examines a range of law and policy from both a historical and contemporary perspective. Students are introduced to classical and contemporary theories in the field, as well as research methods and disciplinary debates.

SOC-1101 (6) Introduction to Sociology (3 hrs Lecture) This course provides an introduction to the study of society and to the discipline of sociology. Topics to be covered include methods, culture, socialization, groups, social processes, the community, social stratification, the major institutions -- the family, the economic, the political, the religious, and the educational -- and social change in its contemporary setting.
Restrictions: Students may not hold credit for this course and SOC-1105.

SOC-2000 (3) Sociology of Sport (3 hrs Lecture) This course introduces various aspects of the study of sport. Using the major theoretical perspectives in sociology, the function of sport in contemporary society is examined. Contemporary issues in sport and society are also covered.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2001 (3) Sociology of Leisure (3 hrs Lecture) This course analyzes the nature and extent of leisure phenomena in contemporary society. Topics to be covered include institutions, aspects of formal organizations, social roles, and social research strategies.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2010 (3) Classical Sociological Theory (3 hrs Lecture) An in-depth examination of classical sociological ideas including those of August Comte, Emile Durkheim, Karl Marx, Friedrich Engels, Max Weber, Harriet Martineau, W.E.B. Du Bois, and Georg Simmel. This course provides an introduction to the foundational thinkers in social and economic theory, each of whom helped lay the foundations for all subsequent social thought. This course is required of all major and honours students and it is a prerequisite for SOC-2011(3) 20th Century Sociological Theory and SOC-2012(3) Contemporary Sociological Theory.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2011 (3) 20th Century Sociological Theory (3 hrs Lecture) An in-depth examination of early to mid-20th century sociological ideas including those of: Antonio Gramsci, Norbert Elias, C.W. Mills, Emma Goldman, Frantz Fanon, Talcott Parsons, Robert Merton, Erving Goffman, Edwin Sutherland, Howard Garfinkel, Harold Becker, George Herbert Mead, Herbert Blumer, Georg Lukacs, Theodor W. Adorno, Max Horkheimer, Herbert Marcuse, Ralf Dahrendorf, Ralph Miliband, Peter Berger and Thomas Luckmann. This course provides an overview of thinkers in social theory, each of whom helped lay the foundations for subsequent social thought in Europe and North America.
Note: Students are encouraged to take SOC-2011(3) prior to taking SOC-2012(3).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 and SOC-2010 [prerequisite(s)].

SOC-2012 (3) Contemporary Sociological Theory (3 hrs Lecture) An in-depth examination of middle and late 20th century and contemporary sociological ideas including those of: Edward Said, Anthony Giddens, Jürgen Habermas, Ulrich Beck, Pierre Bourdieu, Stuart Hall, Michel Foucault, Zygmunt Bauman, Manuel Castells, Patricia Hill Collins, Niklas Luhmann, Dorothy Smith, Jean-Francois Lyotard, Jacques Derrida, Judith Butler, Donna Haraway, LoÏc Wacquant, Bruno Latour and Slavoj Zizek.
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1101 and SOC-2010 [prerequisite(s)].

SOC-2101 (6) Social Inequality in the Era of Globalization (3 hrs Lecture) Using historical and comparative material, this course examines the historical origins of various inequalities including class, gender, racial-ethnic and international stratification. A major emphasis is placed upon the dynamics of these inequalities in the era of globalization and what has been termed "globalization of poverty".
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2103 (3) Sociology of Families (3 hrs Lecture) This course examines the traditional nuclear family in Western industrialized societies and its various forms. Particularly, families are treated as social relationships and, how these relationships are established, challenged, broken up and re-built are examined. Topics covered include theories on families, dating, family formation, domestic work, domestic violence, divorce, single, and step families. Gender perspectives are applied in this course.
Note: Students may not receive credit for SOC-2103(3) and the former SOC-2103(6).
Requisite Courses: SOC-1101 or WGS-1232 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2104 (3) Industrial Sociology (3 hrs Lecture) This course focuses on the social relations of production and

the organization of work in advanced industrialized countries. A major concern of the course is to promote understanding of the nature of conflict and harmony in industrial organizations. Possible topics for discussion include the historical and comparative study of labour and management organizations, the hierarchical nature of the workplace, the divisions among the working class, the

principles and design of qualitative research. Lab work is included to develop computer skills for use in research. This course is required for all honours and majors students.
Requisite Courses: SOC-1101 or CJ-1101 [prerequisite(s)]; SOC-2126L (lab) (must be taken concurrently).

SOC-2201 (3) Sociology of Aging (3 hrs Lecture) This course considers the age structure of Canadian society, aging in different cultures, methods of studying aging and sociological theories of aging. Possible issues for discussion include housing, pensions, transportation, and health care.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2202 (3) Changing Patterns of Aging (3 hrs Lecture) This course investigates the changes taking place today in the lives of middle-aged and older Canadians. Emphasis is placed on changes in social institutions and their impact on the process of aging, including the responses of people to change. Possible topics to be covered include issues related to changes in individual and population aging, such as intergenerational relations; changing perceptions of career and retirement; family and community-related role and commitment changes; and new values, attitudes, and alternative lifestyles in later life.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2307 (3) Sociology of Youth (3 hrs Lecture) Analyzing youth in contemporary society, this course explores their problems and roles in the family, education, the economy, politics and government, youth organizations, sub-cultures and social movements.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2308 (3) Critical Social Issues (3 hrs Lecture) Using a sociological perspective, this course examines issues of current social controversy. (A more detailed description will be available in the Department Office during the terms in which the course is offered.)
Note: This course may be repeated for credit when the topic varies.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2404 (3) Sociology of Development and Underdevelopment (3 hrs Lecture) Based on a variety of theoretical perspectives and research in the area of socio-economic development, this course focuses on the problems faced by industrializing countries. Major issues might include the unequal allocation of natural and agricultural resources and the basis of social and political inequalities between industrialized and industrializing countries.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-2501 (3) Technology and Society (3 hrs Lecture) This course provides a sociological analysis of the theoretical and substantive issues involved in the impact of technological change on contemporary society. It focuses on technological change as it affects the world of work, the environment, human reproduction, gender relations, and communications. We explore the growing significance of the Internet and its implications for such matters as privacy, community, and social relations. Various strategies for

world. This course critically examines some of the basic sociological concepts including the nation-state, organizations and communities, individual identity and culture in the context of globalization. The central aim is to examine to what degree and in what ways the issues of social justice or injustice are articulated in the process of globalization.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3102 (6) Sociology of Medicine (3 hrs Lecture) The focus of this course is on the social context of disease and medical care. Topics to be covered include stress and psychosomatic illness, causes and consequences of mental illness, the sick role, variations in illness behaviour, doctor-patient relationships, unorthodox systems of medical practice, psychiatric therapies, organization of the medical profession, social structure of the hospital and politics of the health care system.
Requisite Courses: SOC-1101 [prerequisite(s)].

SOC-3104 (6) Globalization and Societies in the World System (3 hrs Lecture) This course examines the origins and dynamics of the "new world order" from the perspective of world systems and other theories. Various,

the institutional environs such as shopping malls, schools and suburban property. It also examines other issues such as the technological advancements in surveillance. Requisite Courses: SOC-2107 [prerequisite(s)].

SOC-3208 (3) Women, Crime, and Social Justice (3 hrs Lecture) This course examines gender differences in crime, theories of women's crime, and the treatment of both women offenders and victims by the criminal justice system. Emphasis will be placed on the feminist scholarship that addresses these issues. Requisite Courses: SOC-2107 or WGS-1232 [prerequisite(s)].

SOC-3210 (6) Critical Studies in Medicine and Psychiatry (3 hrs Lecture) This course provides a sociological approach to understanding the power of medicine and psychiatry in modern society. Topics include cross-cultural differences in conceptions of normal and abnormal, the social history of psychiatric institutions, gender and mental health, social factors contributing to mental and emotional problems, suicide, the experience of

injustices. Students may also be interested in CJ/SOC-3223, which covers different material.
Cross-listed: CJ-3233(3).
Restrictions: Students may not hold credit for this course and CJ-3233.
Requisite Courses: CJ-1101 or SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-3303 (3) Globalization and Families (3 hrs Lecture) This course aims to facilitate a sociological understanding of the changing connections between families and the larger society in the context of globalization. Topics discussed include work-family balance, inequality, immigration/mobility and families, changing relations between families and their social networks, local communities and the state.
Note: Students are encouraged, but not required, to take SOC-2103(3) prior to taking SOC-3303(3). Students may receive credit for both SOC-3303(3) and the former SOC-2103(6).
Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.
Requisite Courses: SOC-1101 or WGS-1232. (Declared majors in Developmental Studies may have the requisites waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3304 (3) Immigrant Families (3 hrs Lecture) This

statistical data processing and interpretation. The emphasis will be placed on computer based data analysis techniques. A major research project is to be completed.
Restrictions: Honours Form Required.
Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4126 (3) Seminar in Qualitative Research Methods (3 hrs Seminar/Discussion) This course is the advanced study of the major qualitative approaches to research, among them: phenomenology, symbolic interaction, ethnomethodology, and ethnology. This will include in-depth discussion of the methodological questions and debates of the day plus an opportunity for students to gain firsthand experience using a variety of data gathering techniques such as participant observation, interviewing surveys, life histories and case studies. Some computer-based applications of qualitative analysis will be explored. A major research project is to be completed.
Restrictions: Honours Form Required.
Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4201 (3 or 6) Selected Topics I (3 hrs Seminar/Discussion) The content of the Selected Topics Course varies from year to year.
Restrictions: Honours Form Required.

SOC-4202 (3 or 6) Selected Topics II (3 hrs Seminar/Discussion) The content of the Selected Topics course varies from year to year.
Restrictions: Honours Form Required.

SOC-4204 (6) Tutorial (3 hrs Tutorial) This course

SPANISH STUDIES

SPAN-1001 (6) Introductory Spanish (3 hrs Lecture | 1 hrs Lab) This course is designed for students who have little or no previous knowledge of Spanish and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension, and oral expression. To this end, one hour of language laboratory / small-group work supplements classroom work each week.
Note: Native speakers of Spanish or students who have standing in Spanish 40S or equivalent are not eligible to take this course.
Requisite Courses: SPAN-1001L (lab) (must be taken concurrently).

SPAN-2001 (6) Intermediate Spanish (3 hrs Lecture | 1 hrs Lab) The aim of this course is to enable students to increase their proficiency in the following skills: reading, writing, aural comprehension and oral expression. Students review and build on grammar essentials, discuss readings and related topics of current interest, write compositions, and practice the spoken language. One-hour of language laboratory / small-group work provides additional practice each week.
Note: Students who have received a year or more of their secondary school education in a Spanish-speaking environment are not eligible to take this course.
Requisite Courses: SPAN-1001, Spanish 40S or permission of the Department Chair [prerequisite(s)]; SPAN-2001L (lab) (must be taken concurrently).

SPAN-2109 (3) Advanced Intermediate Spanish I (3

photographs and films on the culture and historical backgrounds to the works selected.
Requisite Courses: SPAN-2180 or any 12 credit hours in 2000-level Spanish Studies courses [prerequisite(s)].

SPAN-2384 (3) Modern Peninsular Spanish Literature and Culture (3 hrs Lecture) This course offers a critical study of representative works by Spanish novelists, poets and dramatists from the beginning of the twentieth century to the Spanish Civil War (1936-1939) and from the postwar era up to Franco's death in 1975, with particular attention to the influence of Spain's social and political history on its writers and their literary works. Authors studied may include Federico García Lorca, Jorge Guillén, Miguel Hernández, Camilo José Cela, Carmen Laforet Diáz and Antonio Buero Vallejo.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2385 (3) Literature and Culture of Post-Franco Spain (3 hrs Lecture) This course offers a critical study of representative works by Spanish novelists, poets and dramatists since Franco's death in 1975, with particular attention to the dramatic political and socio-cultural changes that Spain has experienced and the role of the country within the European Union today. Authors studied may include Juan Goytisolo, Juan Marsé, Carmen Martín Gaite and José Angel Mañas.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2386 (3) Introduction to Hispanic Cinema (3 hrs Lecture) This course traces the evolution of Spanish and Latin American cinema. The development of the Hispanic cinematic canon is explored through the critical analysis of representative films by renowned directors such as Luis Buñuel, Victor Erice, Pedro Almodóvar, Adolfo Aristarain, Pablo Larraín, and Alejandro Gonzalez Iñárritu. Attention is paid to the sociocultural and political context of the films presented. Students acquire the terminology and tools of analysis specific to film studies while exposed to the social realities of contemporary Spain (e.g., national stereotypes, European integration, racism, immigration, gender identities) as depicted in films.
Requisite Courses: SPAN-2180 or permission of the instructor [prerequisite(s)].

SPAN-2710 (3) Classics of Spanish Literature (3 hrs Lecture) In this course students study three classics of Spanish literature: The Life of Lazarillo de Tormes, by an anonymous author; the first part of Don Quixote, by Miguel de Cervantes Saavedra; and Life is a Dream, by Pedro Calderón de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Students in SPAN-2710 read the texts in English translation and write in English. Students in SPAN-3710 read the original texts and write in Spanish. The language of lectures is English.
Note: Students may not hold credit in both SPAN-2710(3) and SPAN-3710(3).
Restrictions: Students may not hold credit for this course and ENGL-2710 | MOD-2710.

SPAN-3101 (3) Spanish Civilization from the Middle Ages to the Golden Age (3 hrs Lecture) This course traces the evolution of Spanish culture from the Middle Ages to the end of the Golden Age in the 17th century. In addition to a broad overview of Spanish history and geography, topics may include art and architecture (religious, military and domestic) and the customs and traditions of Spain.
Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level or permission of instructor [prerequisite(s)].

SPAN-3102 (3) Spanish Civilization from the Enlightenment to the Present (3 hrs Lecture) This course traces the evolution of Spanish culture from the eighteenth century to the present day. In addition to a broad overview of Spanish history, topics may include Spanish art (e.g., Velázquez, Goya, Picasso, Dalí), architecture (religious, military, and domestic), and cultural institutions (e.g., the Real Academia Española).
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3103 (3) Latin American Civilization: Pre-Colonial and Colonial (3 hrs Lecture) This course offers a survey of pre-Columbian civilizations up to the end of the 15th century as well as a focus on the Spanish colonization during the 16th century. Areas studied may include customs, domestic issues, the military, painting, sculpture, architecture, music or religion. Aspects relating to history, geography, literature, and language may also be discussed. The merging of cultures, resulting from the power struggles among the indigenous peoples and the Spanish, is an important focus as well.
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3104 (3) Latin America Civilization: From Independence to the Present (3 hrs Lecture) This course focuses on cultural studies relating to Latin America from the 18th century, the "Century of Enlightenment", to the present. Topics may include customs, domestic issues, the military, painting, sculpture, architecture, music or religion. Aspects relating to history, geography, literature, and language may also be discussed. The coexistence of the creole, mestizo, and indigenous peoples in Latin America, and the power struggles among the groups, are also examined.
Requisite Courses: Any 9 credits in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3113 (3) Exploring Language and Society Through Texts (3 hrs Lecture) This course examines current events, social issues and artistic and intellectual trends in the contemporary Hispanic world through the analysis and discussion of media sources including the Internet, television and the press. The course offers extensive reading practice and is designed for students

who wish to develop a high level of oral and written proficiency in Spanish. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates and round-table discussions.
Requisite Courses: Any 9 credits in Spanish Studies language courses or permission of the instructor [prerequisite(s)].

SPAN-3114 (3) English-Spanish Interpretation (3 hrs Lecture) Taught in Spanish, this course introduces the basic techniques of consecutive and simultaneous interpretation (spoken translation) from English into Spanish. Attention is given to cross-cultural communication problems. Skills are developed through a variety of topics, styles, and registers. The skills practiced in this course are applicable to various fields of interpretation (e.g.,

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

SPAN-3710 (3) Classics of Spanish Literature (3 hrs Lecture) In this course students study three classics of Spanish literature: The Life of Lazarillo de Tormes, by an anonymous author; the first part of Don Quixote, by Miguel de Cervantes Saavedra; and Life is a Dream, by Pedro Calderón de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Student in SPAN-2710 read the texts in English translation and write in English. Students in SPAN-3710 read the original texts and write in Spanish. The language of lectures is English.
Note: Students may not hold credit in both SPAN-2710(3) and SPAN-3710(3).

SPAN-3910 (3 or 6) Special Topics in Spanish Studies (3 hrs Tutorial) In this tutorial, students explore a topic in Spanish language or literature under the direction of a professor, for example: the mystical and surrealist poetry of Octavio Paz or the magic realism of Juan Rulfo and Gabriel García Márquez. This course may be repeated when the topic varies.
Restrictions: Instructor Permission Required.