College of Graduate Studies

- Programs
- Academic Information & Policies

The following addresses college-level policies and information. For university-wide policies, please visit the U of S Policies and Regulations.

Graduate Application Procedures

Applications for admission must be submitted online.

Applicants other than graduates of the University of Saskatchewan must arrange for official transcripts of their academic records from each institution attended to be sent directly to the Graduate Chair of the academic unit in which they wish to study.

At least three confidential letters of recommendation are to be submitted online. These letters should be from professors or others acquainted sufficiently with the applicant's training and experience to express an opinion on the applicant's ability to undertake graduate training.

Some programs have additional admission requirements such as a GRE, GMAT or personal interview. Applicants should check the program website to determine any additional test requirements.

After reviewing the complete application package, the academic unit will either make a recommendation for admission to the College of Graduate Studies and Research or reject the application. Applicants will be advised of the academic unit's decision. Successful applicants receive a letter of acceptance signed by the Director of Programs and Operations. Any special conditions pertaining to the student's admission are noted in the letter.

Applicants seeking financial support through scholarships, teaching assistantships and fellowships, research assistantships, etc., in order to undertake graduate work should correspond with the Graduate Chair of the academic unit in which they wish to study or the professors whom they anticipate will supervise their research work.
Graduate Application Fee

Applicants for admission or re-admission to the College of Graduate Studies and Research are required to submit a non-refundable application fee of $75. This should be paid online at the point of application. If the application fee is not paid online at the time of application, a Credit Card Payment Form, cheque, money order or bank draft can be submitted to Student and Enrolment Services, 105 Administration Place, Saskatoon SK, Canada S7N 5A2.

Deadlines for Application for Admission

The College of Graduate Studies and Research normally admits applicants to commence in September of each year. However, some academic units may consider applicants to commence in January or May.

When determining the lead-time needed to complete all the admission requirements by the date of the first expected registration, the following factors should be considered:

It can take up to 6 months after the receipt of the official letter of offer for international students to get a student visa and be allowed to enter Canada.

It can take up to 4 weeks for international applicants to receive their official letter of offer by surface mail. The College of Graduate Studies and Research does not courier the official letter of offer to the applicant.

Some academic units only process applications at certain times of the year. Applicants should contact the academic unit to determine the unit's deadline dates for applications.

Special Case applications and interdisciplinary program applications can take from 6 to 8 months to process because of the complexity and detail of the application process.

Due to limitations of resources including space and supervisor availability, it may not be possible to admit all qualified applicants.

Graduate Admission Requirements

The requirements for admission to the College of Graduate Studies and Research are as follows:

1. Applicants must hold a 4-year Honours baccalaureate from a college or university of acceptable standing, and equivalent to the degree at this university that is required for admission to the proposed type of graduate work, or have training equivalent to that required for such a degree. Applicants holding a three-year first cycle undergraduate degree, in an academic discipline relevant to the proposed field of study, from a European institution that meets the criteria set forth in the Bologna Declaration, will be accepted as the equivalent of an undergraduate honours degree.

2. Applicants must show promise of ability to pursue satisfactorily advanced study and research, as judged by their previous scholastic records or otherwise.

3. Applicants should have adequate preparation to enter upon graduate study in their chosen field. Applicants who fail to meet this requirement but meet requirements 1 and 2 may still be admitted provided deficiencies can be rectified by taking some courses either prior to or in parallel with graduate courses.

4. The language of instruction and examination at the University of Saskatchewan is English. Therefore, applicants for admission whose first language is not English must present evidence of proficiency in English prior to initial registration. The approved tests of English proficiency are listed on the College of Graduate Studies and Research website at www.usask.ca/cgsr/admission/language.php. Test scores must be forwarded directly to Admissions, College of Graduate Studies and Research, by the testing centre, to be received no later than the date of initial registration. TOEFL scores are only valid for 2 years after the test date. Language Proficiency tests are only valid for two years after the testing date. Prospective students may also fulfill the English proficiency requirement through successful completion of the ESL program (Level 50: Advanced) at the University of Saskatchewan Language Centre.
5. Depending on the research being done, graduate students may be asked to sign an agreement to hold confidential certain information or data which will be made available to them as part of their research training or because of an employment relationship with a particular project.

6. Prospective graduate students who are full-time employees of the university should seek information on the university's policy in this area, available at the College of Graduate Studies and Research.

**Direct Entry Ph.D.**

**Admission Requirements**

Some academic units are able to make a recommendation to allow direct entry Ph.D. admission to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

A four-year honours bachelor's degree, or equivalent, in an academic discipline relevant to the proposed field of study.

- A cumulative weighted average of at least 80% in the last two years of undergraduate study (that is, at least 60 credit units of course work).
- Demonstrated ability for independent thought, advanced study, and independent research.
- Evidence of English proficiency.

**Degree Requirements**

Students must maintain continuous registration in the 996 course. At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.

- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960
- GSR 961 if research involves human subjects
- GSR 962 if research involves animal subjects
- A minimum credit unit requirement at the 800-level, specific to the discipline
- 990 Seminar course
- 996 Thesis research course
- Pass a comprehensive examination, after completing the required course work, and prior to focusing on the research and doctoral thesis.
- Write and successfully defend a thesis based on original investigation.

**Special Case Admissions**

All faculties tenured in academic units which do not have approved graduate programs may be involved in graduate education by supervising a special case student. Candidates for Special Case admissions should be excellent students as demonstrated by a Cumulative Weighted Average of at least 75% over the last two years (60 credit units). The Special Case students are administered by the Graduate Academic Affairs Committee of the College of Graduate Studies & Research. Instructions for Special Case applications are found on form GSR 405.

**Classification of Admitted Applicants**

Applicants admitted to the College of Graduate Studies and Research are classified into one of several groups, depending on their preparation for graduate work and the type of graduate work they propose to do.
Fully-Qualified Applicant

This is an applicant who meets all the requirements for admission.

Conditional Admission

This is an applicant who has an outstanding admission requirement that has not been met. In such cases, an offer of admission will be conditional until the presentation of the required documentation indicating the admission requirement has been met is received. Typically, this is one of the following:

a) The completion of an undergraduate or graduate degree  
b) Proof of English Language proficiency  
c) Required transcripts

Registration in the program will not be allowed until all required documentation has been received. Students who have fulfilled all requirements for a degree but who have not yet graduated must provide official certification from their university that all degree requirements have been completed.

Probationary Status

Applicants whose academic qualifications are difficult to assess or whose qualifications are marginal for admission to a graduate program may be admitted on a probationary status to a program. Applicants in this category may be required to take certain preparatory courses to improve their qualifications. In this case they will be required to pay additional fees. The student's status is reviewed after a specified amount of academic work is completed. If progress is satisfactory the academic unit in which the student is working or the Advisory Committee may recommend to the CGSR that the student be considered fully-qualified.

Students who do not achieve the probationary conditions may withdraw voluntarily or failing this, will be required to discontinue. In certain exceptional situations, the academic unit may extend the probationary period with a new set of conditions, agreed to by the student and by CGSR.

Postgraduate Diploma Program Applicant

Applicants admitted in the Postgraduate Diploma program must have a Cumulative Weighted Average of at least 65% during the last 60 credit units or equivalent of undergraduate study.

Visiting Graduate Applicant

Graduate students who are registered in a degree program at another university and who are attending the University of Saskatchewan under the terms of an approved exchange agreement are considered exchange students.

University of Regina students intending to take a course at the University of Saskatchewan should use the Saskatchewan Universities Graduate Agreement (SUGA) request form available through the Faculty of Graduate Studies and Research, The University of Regina and from the College of Graduate Studies and Research at the University of Saskatchewan.

Full-time, fully qualified graduate students at recognized universities in Western Canada may take courses at the University of Saskatchewan. A Western Dean's Agreement Authorization Form must be obtained and signed at the home university, then submitted to the host department at the University of Saskatchewan.

Full-time, fully qualified graduate students at other universities in Canada may take courses at the University of Saskatchewan. A Canadian University Transfer Agreement (CUGTA) Form must be obtained and signed at the home university, then submitted to the host department at the University of Saskatchewan.
Non-Degree Applicant

Applicants qualified to take selected graduate courses, but not working towards a postgraduate diploma or degree. Courses taken on a non-degree basis do not necessarily reduce program requirements should the student decide subsequently to apply to a degree program at the University of Saskatchewan. Those who wish to take graduate courses on a non-degree basis must meet regular admission requirements (submitted online application for Non-Degree Admission with application fee, transcripts and language test scores if applicable). Admission is valid for 3 academic terms.

Joint Student Programs

Students who wish to attend the U of S to do research under the supervision of U of S faculty, as partial fulfillment of a graduate degree from another university, should apply for Joint Program Student Non-Degree Admission. Joint program students may be either master's or doctoral students. The student's home institution grants the degree. Applicants must meet the minimum academic and language proficiency requirements for admission to graduate studies. Applicants must submit the online: Application for Joint Student Non-Degree Admissions.

Program Requirements

Postgraduate Diploma Requirements

Programs leading to a Postgraduate Diploma (P.G.D.) are available in a number of academic units. They are designed particularly for people who have been away from university for some time and wish to broaden their knowledge at the graduate level on subjects relevant to their professional interests. Research is not a basic part of such programs, although candidates in some fields may be given the opportunity to become acquainted with research techniques.

The general regulations applicable to P.G.D. programs are as follows:

Program

- A P.G.D. program consists of 30 credit units, at least 18 of which are at the 800 level in the same field of study.
- All requirements for a P.G.D. must be completed within a five-year time period. This time is measured from the date of registration in the first course work which applies to the P.G.D. program.

Graduation

- Requirements include submission of the GSR 300-4 form, and the student must pass all the courses of an approved program with a grade of at least 60% in each course and an average of at least 65% for all courses.

Master's Degree Requirements

Master's Degree with Thesis

After an applicant has been admitted to the College of Graduate Studies and Research, the principal academic unit submits, on the student's behalf, an approved Program of Studies. This should be done as soon as possible and not later than twelve months after the time of first registration.

If an applicant has been admitted as a candidate for a Master's degree subject to the satisfactory completion of selected preparatory courses either prior to or in parallel with the required graduate courses, the preparatory courses are designated as such on the Program of Studies. A qualifying examination on the field of study may be required by an academic unit either as a means of
evaluating the student's ability to proceed with work for the degree or for the award of the degree.

Research for the thesis and its preparation is usually supervised by a member of the academic unit to which the student is attached. An Advisory Committee is appointed, consisting of at least three members, including the academic unit Head or designate who acts as chairperson, the research Supervisor and other members as deemed appropriate. If the student's work for the degree involves other academic units, the Advisory Committee includes the student's research Supervisor and representatives of the units concerned. The Committee is responsible for periodic reviews of the candidate's progress toward the degree and must meet at least annually for this purpose. The Chair of the Advisory Committee will report on the progress of the student to the Dean of Graduate Studies and Research once annually. A report indicating unsatisfactory progress will result in further action being taken by the Dean. The role of the Advisory Committee may be filled by a graduate committee of the academic unit.

Master's Degree with Project

After an applicant has been admitted to the College of Graduate Studies and Research, the principal academic unit submits on the student's behalf a recommended Program of Studies. This should be done as soon as possible and not later than twelve months after the time of first registration.

Master's Degree Coursed-based Option

Some academic units offer course-based programs in addition to thesis-based or project-based route. The course-based Master's program will provide graduates with advanced academic training. In such programs the emphasis is on coursework. Details may be obtained from the departments concerned.

Transfer from Master's to Ph.D.

Transfers from Master’s to Ph.D. should take place after the first year and no later than the end of the second year of the Master's program. In order to transfer, a Master's student must first pass a qualifying examination, and fulfill other criteria as outlined in the College of Graduate Studies and Research Policy and Procedure manual. This examination can only be taken once. A student failing the qualifying examination or any part thereof shall not be recommended for transfer and must complete the Master’s program. After completion of the Master's, the student can then be considered for admission into a Ph.D. program.

Residency Requirements

The University of Saskatchewan encourages students to spend time on campus interacting with faculty, researchers and other students and participating in the academic life of the university. The College of Graduate Studies and Research has no minimum residency requirements. Individual graduate programs, may establish their own residency guidelines. Students should check with the individual programs for these guidelines.

Time Limit

Candidates for Master's degrees are expected to complete their work with reasonable continuity over a period not exceeding five years. This time is measured from the date of first registration in a course credited toward the program.

Transfer Credits

Graduate work of high quality done in a recognized graduate school elsewhere and coming within the five-year time limit may be accepted. Such credits will be transferred only after the student has established a satisfactory record in residence here for at least one term, and then only if the academic unit concerned recommends to the Dean of Graduate Studies and Research for approval of the transfer of such credits. Normally a student should expect to complete at least 60% of the program requirements at this university. Work already applied toward another degree cannot be accepted. Transferred credit will not reduce the residency requirement at this university.
Academic Standards

Students taking courses required to remove deficiencies in their general training or for preparation prerequisite to the chosen field of graduate work must obtain a Cumulative Weighted Average of at least 70% in these courses. A minimum of 70% is required in each undergraduate course. Undergraduate courses may be taken for credit towards a master's degree on a case-by-case basis at the discretion of the College of Graduate Studies and Research. These must be senior courses at the 300 or 400 level. Students must obtain 60% in each graduate course required specifically for the degree and a Cumulative Weighted Average of 70% for all their courses in this category. Under exceptional circumstances, on recommendation of the academic unit, and with the approval of the Dean of Graduate Studies and Research, a student may be permitted to write a supplemental examination in a graduate course for which a grade of less than 60% was obtained or an undergraduate course for which a grade of less than 70% was obtained. With permission of the Dean, students may repeat the course to raise their standing, or substitute an additional course recommended by the academic unit.

If, in the opinion of the Advisory Committee and the academic unit concerned, a student is not making reasonable progress with any aspect of the program, a recommendation may be made to the Dean that the student be Required to Discontinue as a candidate for the degree. The Dean will take prompt and appropriate action.

Languages

The Advisory Committee may require the candidate to demonstrate ability to read publications related to the candidate’s special field of study, in one or more languages other than English. Successful completion of a course in a language (other than English) recommended by an Advisory Committee usually meets the minimum requirement for a reading knowledge of a foreign language. This language requirement may be met by a course, or courses, taken at another university, or by knowledge of the language acquired in other ways. In such cases, supporting evidence must be submitted to the appropriate language department at this university. The language department may set a special examination. The decision of the department is final in such cases.

Ethics

**GSR 960.0**, Introduction to Ethics and Integrity, is a required course for all first year graduate students at the University of Saskatchewan. The purpose of this course is to discuss ethical issues that graduate students may face during their time at the University. In addition to GSR 960, students may need to also take GSR 961 or GSR 962. The student's Advisory Committee will review the student's research area and determine whether or not the student needs to take GSR 961, Ethics in Human Research, and GSR 962, Ethics in Animal Research.

Ethics approval is required for all research involving animals or humans. The Ethics approval letter must be documented in the student's electronic file.

Thesis and Project Requirements

A thesis or project presented in partial fulfillment of the requirements for the degree must:

- Deal with a specific topic related to the major field.
- Demonstrate ability on the part of the candidate to do independent study and investigation.
- Be written in good scholarly style and conform to the requirements of a style manual approved by the department.

It is expected the student will follow the academic unit regulations and the advice of the Supervisor and the Advisory Committee in developing the thesis or project proposal and in establishing whether the thesis or project is ready for examination. In exceptional circumstances the student may request that the Dean of Graduate Studies and Research arrange for an examination without prior
academic unit approval. The rules for such an examination are determined by the Dean in consultation with the unit.

The adequacy of the project is decided by an examining committee consisting of the Supervisor, members of the Advisory Committee and other persons as appropriate. Academic units are required to inform students in a timely fashion about the criteria to be used and the procedures to be followed in the examination of Master's project work.

Every thesis must go to oral defence. The adequacy of the thesis is decided by an examining committee. The committee will consist of the academic unit Head or designate, who chairs the examination, the Supervisor, at least one member who served on the Advisory Committee, and the external examiner from another academic unit of the university, who has not been a member of the student's Advisory Committee. The academic unit may recommend the appointment of additional examiners. The thesis Supervisor may not serve as the chair of the thesis oral examination. The structure of the oral examination is decided upon by the Committee, but in general the examination is limited to work done by the candidate for the thesis and to knowledge of matters directly related to it. At the conclusion of the examination, the Committee decides whether the thesis work of the candidate and the subsequent defence of it meet the requirements for the degree. The Committee's decision is reported to the Dean on forms available from the College of Graduate Studies and Research website.

It is the responsibility of the student who may have any disability that could interfere with his/her conduct or ability to respond to questioning at an oral defence, to reveal the circumstances in sufficient time prior to the defence to allow the Examining Committee and the College of Graduate Studies and Research to take measures to accommodate the situation at the oral exam. The student must inform his/her Supervisor or Graduate Chair, who in turn must inform the College of Graduate Studies and Research office of any accommodations.

The External Examiner shall be appointed by the Dean or designate prior to the thesis examination and shall not have been associated with the preparation of the thesis in any way. The Dean or designate verifies all program requirements are met before approval of the External Examiner and permission to proceed to defence. The External Examiner represents the Dean and shall provide the Dean with a written report following the conclusion of the examination. A form for this purpose is available from the College of Graduate Studies and Research website. Where the External Examiner does not share the majority view, the examination shall be adjourned and the Dean will review the situation and establish appropriate procedures to resolve the matter.

The period between the submission of the examination copies of a Master's thesis and the date of the examination is left to the discretion of the student's academic unit. After the Advisory Committee has agreed the thesis is acceptable for external examination, the graduate chair shall notify the College of Graduate Studies and Research. The College requires three weeks from the receipt of this notification until the date of the defence. After the oral defence, students are expected to make required thesis revisions within the time period determined by the academic unit.

**Copies of the Thesis**

**Electronic Thesis Submission (EDT)**

It is mandatory for all students in Master's thesis programs and Ph.D. programs to submit their theses online at University of Saskatchewan Library Electronic Theses & Dissertations.

Project students may also submit their project papers online. Instructions for submission of an ETD can be found on the College of Graduate Studies and Research.

**Bound Thesis Submission**

Students should check with their academic units for the policy on bound thesis submission. The College of Graduate Studies and Research does not require submission of bound theses.

**Copyright and Subsequent Use of Theses and Projects**

The author of a thesis or project claims copyright on the title page. As a condition for the award of a degree, the student is required
to give permission to the University Library to make the thesis available for inspection and to the Supervisor of the research and to the department in which the research was done to copy and to circulate the thesis for scholarly purposes only, and to make use of material and ideas included in the thesis in the preparation of papers for publication. Where circumstances warrant, theses may be withheld from circulation for up to 12 months. There are also several options available for limitation of circulation of electronic thesis.

**Recommendation for Award of Degree**

The academic units concerned must submit a Recommendation for Award of the Degree form available on the [College of Graduate Studies and Research website](http://www.usask.ca/programs/colleges-schools/grad-studies/index.php). The thesis title shown on the thesis cover must be identical to the title which appears on the recommendation form for the award of the degree. The recommendation for the award of the degree must be received in the College of Graduate Studies and Research Office on or before the date, available from the office or under the [Academic Calendar](http://www.usask.ca/programs/colleges-schools/grad-studies/index.php) established in relation to Convocation. If the recommendation is approved by the College of Graduate Studies and Research, and the student has submitted an application to graduate, then the student's name will be forwarded to Convocation, Student and Enrolment Services, for inclusion in the Convocation Program.

**Doctor of Philosophy Degree Requirements**

A student who receives this degree must have demonstrated proficiency in some broad subject of learning and ability to initiate and evaluate work in this field. Furthermore, the student must have shown the ability to work independently in the chosen field and must have made an original contribution of significance to the advancement of knowledge. The following technical requirements stated or implied are minimum requirements for all candidates for the degree.

**Admission**

An applicant who is deficient in background training or in courses prerequisite to scholarly work in the chosen field of study and research or who holds a Master's degree whose academic level is in doubt cannot be admitted as a fully qualified candidate for a Ph.D. degree. Such an applicant may be admitted to the College of Graduate Studies and Research for the purpose of removing these deficiencies (see Classification of Admitted Students). Applicants holding a Master's degree, the equivalence of which is difficult to assess, will be permitted at the time of admission to register only as probationary students in a Ph.D. program or as a Master's student. After no less than one year and on the recommendation of the academic unit, a student may be considered by the College of Graduate Studies and Research Office for transfer to fully-qualified status in a Ph.D. program if the qualifying examination has been completed successfully.

After an applicant has been admitted to the College, the principal academic unit submits on the applicant's behalf a Program of Studies. This should be done as soon as possible and not later than twelve months after the time of admission.

**Supervision**

The selection of a Supervisor should be completed by mutual agreement among student, Supervisor, academic unit Head, or the Dean in colleges without departments, and the Dean of Graduate Studies and Research. This selection should take place as quickly as possible, never later than the second annual registration. The Supervisor must be a faculty member of the College of Graduate Studies and Research and should be familiar with the rules and procedures of the academic unit, the College of Graduate Studies and Research and those of the university. Both student and Supervisor are responsible for ensuring that all College of Graduate Studies and Research and academic unit regulations and requirements are observed and met.

The work of each student is coordinated by an Advisory Committee. This Committee consists of the academic unit Head or designate who acts as Chair, or the Dean or designate in colleges without departments, who acts as Chair, the student's Supervisor and three or four additional members, selected because of their knowledge of the proposed research field, from the principal unit and related units. One member, designated the Cognate member, must be from a unit other than the principal one. If the student's work for the degree is cross-disciplinary, the Advisory Committee should have representatives from each of the academic units...
involved. In consultation with the Dean, persons from other universities or from non-University laboratories and groups may be invited to serve on the Committee because of their specialized knowledge of the research field. Such persons must have received formal approval from the Dean. The Dean of Graduate Studies and Research is an ex officio member of the Committee.

The Advisory Committee serves to advise the student and to periodically review progress being made in preparing the thesis proposal, developing appropriate methodology, carrying out research and writing the thesis. To facilitate these reviews, the student will submit a written progress report on the research project at least once every twelve months through the research Supervisor. The Supervisor is responsible for distributing a copy of this report to each member of the Advisory Committee. The Committee may require the student to give an oral progress report to explain further and describe the research in progress. The Committee may recommend changes and additions to the student's program and changes to the research project. The Chair of the Advisory Committee will report on the progress of the student to the Dean of Graduate Studies and Research once annually. A report indicating unsatisfactory progress will result in further action being taken by the Dean.

Special Case Admissions

All faculties tenured in academic units which do not have approved graduate programs may be involved in graduate education by supervising a special case student. Candidates for Special Case admissions should be excellent students as demonstrated by a Cumulative Weighted Average of at least 75% over the last two years (60 credit units). The Special Case Ph.D. students are administered by the Graduate Academic Affairs Committee of the College of Graduate Studies and Research. Instructions for Special Case applications are found on form GSR 405. Students follow regular admission procedures using forms GSR 100 and 101. The academic unit is responsible for completing the remainder of the Special Case application.

Residency Requirements

On-campus residency is a valuable part of a graduate program. The University of Saskatchewan encourages students to spend time on campus interacting with faculty, researchers and other students and participating in the academic life of the university. The College of Graduate Studies and Research has no minimum residency requirements. Individual graduate programs, however, may establish their own residency guidelines. Students should check with the individual programs for these guidelines.

Time Limit

A candidate for the Ph.D. degree is expected to complete the work with reasonable continuity over a period not exceeding six years. This time is measured from the date of first registration in the first work credited toward the program.

Transfer Credits

Graduate work of high quality done in a recognized graduate school elsewhere may be accepted for credit at this university.

Academic Standards

Students are expected to complete all work in the courses included in their Program of Studies. Any grade below 70% is unsatisfactory. The Advisory Committee will review such grades and make a recommendation to the College of Graduate Studies and Research concerning the action to be taken. The Advisory Committee will also recommend appropriate action to be taken regarding any student whose progress in the research project or any other component of the Ph.D. program is deemed unsatisfactory. Academic standards applied will be those prevailing in the national and international academic community. Upon recommendation by the Advisory Committee and with approval from the Dean of Graduate Studies and Research, a student may be Required to Discontinue at any time from the program for failure to achieve and maintain satisfactory progress and contact with the Supervisor.

Languages
The Advisory Committee may require the candidate to demonstrate ability to read publications related to the candidate's special field of study, in one or more languages other than English.

Successful completion of a course in a language (other than English) recommended by an Advisory Committee usually meets the minimum requirements for a reading knowledge of a foreign language. This language requirement may be met by a course, or courses, taken at another university, or by knowledge of the language acquired in other ways. In such cases, supporting evidence must be submitted to the appropriate language department at this university. The language department may set a special examination. The decision of the department is final in such cases.

Ethics

Ethics approval is required for all research involving animals or humans. A copy of the Ethics approval letter must be submitted to the College of Graduate Studies and Research prior to the defence.

GSR 960.0, Introduction to Ethics and Integrity, is a required course for all first year graduate students at the University of Saskatchewan. The purpose of this course is to discuss ethical issues that graduate students may face during their time at the University. In addition to GSR 960, students may need to also take GSR 961 or GSR 962. The student's Advisory Committee will review the student's research area and determine whether or not the student needs to take GSR 961, Ethics in Human Research, and GSR 962, Ethics in Animal Research.

Qualifying Examination for Ph.D. Students

Students must satisfy the academic unit by written or oral examination, or by both, that they have the potential to obtain sufficient knowledge of their chosen general field of study to proceed toward candidacy for the Ph.D. degree. Responsibility for this examination may be assigned to the Advisory Committee in cases where several academic units are involved. Normally this examination is administered within the first year, preferably within the first four months, of the student's program. The results of this examination are likely to have a significant impact on the Program of Studies developed for the student. The standard which a student must obtain to pass the qualifying examination is at the discretion of the academic unit or the Advisory Committee, as the case may be. A student failing an examination for the first time is permitted a second qualifying examination. A second failure automatically disqualifies the student from further work for that particular Ph.D. degree. This failure may be appealed to the Graduate Academic Affairs Committee on substantive or procedural grounds. The results of all qualifying examinations must be reported in the student's electronic file.

The thesis examination for the award of Master's degree at this or other recognized universities, may, at the discretion of the academic unit and the College of Graduate Studies and Research, be accepted in lieu of the Ph.D. qualifying examination. The Ph.D. qualifying examination must already have been passed at a suitable level before consideration will be given to recommendations for transfer from a Master's to a Ph.D. program. This particular qualifying examination can only be taken once.

Comprehensive Examination and Candidacy

The comprehensive examination covers a broad aspect of the appropriate discipline and may be in written and/or oral form. This examination is usually on topics cognate to the candidate's field of research and is used as a means of judging whether the individual has a mature and substantive grasp of the discipline as a whole. A comprehensive knowledge of the subject will not only help to validate the Ph.D. student as an expert in the general field of choice but will also complement research activity in the specific area under investigation. Normally this examination is scheduled after the student has completed all course requirements and before the beginning of research and doctoral thesis.

Only upon successful completion of the comprehensive examination at an appropriate time during the program is a student permitted to continue scholarly activity towards the Ph.D. degree. The comprehensive examination may be repeated once with the permission of the Dean of Graduate Studies and Research. The results of all comprehensive examinations must be reported to the
College of Graduate Studies and Research office. A second failure will result in the student being required to voluntarily withdraw or be Required to Discontinue from the program. This failure may be appealed to the Graduate Academic Affairs Committee on substantive or procedural grounds.

**Thesis**

The thesis, based upon original investigation, must demonstrate mature scholarship and critical judgment on the part of the candidate, as well as familiarity with tools and methods of research in the candidate's special field. To be acceptable, it must be a worthwhile contribution to knowledge, and warrant publication in whole or in part. It must comply with specifications described in the *Guidelines for Preparation of a Thesis*.

Thesis preparation involves a long-term commitment through the stages of preparing a research proposal, completing a literature review, developing methodology, carrying out research and writing the results. Throughout this process the student will maintain contact with the Supervisor, as well as the Advisory Committee. When, in the opinion of the student and the Supervisor, the work is complete and ready for defence, the student will submit a draft of the thesis, in its final form, to the Supervisor. The Supervisor will review the thesis, making any appropriate suggestions to the student and will then submit it to the Advisory Committee. It is the student's responsibility to make available the number of copies needed by the Advisory Committee. When the Advisory Committee has agreed the manuscript is ready for examination the candidate will receive permission to make the final copies required for the Examining Committee.

The Examining Committee consists of at least six persons, as follows: the External Examiner, the Supervisor, three members of the Advisory Committee (including the Cognate member), and the academic unit Head, or designate, who will chair that part of the defence devoted to questioning the candidate.

Permanent members of the candidate's academic unit and of related units may be invited to attend the examination. The Dean of Graduate Studies and Research or designate will chair the Examining Committee. A recommendation providing the Dean with a minimum of three suitable persons, from whom the Dean may select an External Examiner, is made by the academic unit Head. The Dean invites the External Examiner. All program requirements are verified by the Dean or designate before the invitation is extended to the External Examiner. The External Examiner shall not have been associated with the preparation of the thesis in any way and shall have no conflict of interest regarding the student or the Supervisor on any aspect of the research itself.

When the thesis is ready for defence, two unbound copies are submitted to the College of Graduate Studies and Research for distribution to the External Examiner and Chair of the Defence. All committee members must also receive an unbound copy. These are circulated by the academic unit Head to the other members of the Examining Committee and such other members of the unit as time permits.

The Ph.D. thesis defence, which is an oral examination, is scheduled four weeks after the thesis has been submitted to the External Examiner. A candidate who anticipates formal award of the degree at a particular Convocation must ensure that two copies of the thesis, suitable for examination, are taken to the College of Graduate Studies and Research Office in sufficient time to permit the examination process to be completed prior to the deadlines established by the College of Graduate Studies and Research.

A Dissertation Summary is distributed to the Examining Committee at the time of the examination. It is the responsibility of the candidate in consultation with the research Supervisor to prepare the Dissertation Summary and related material and to submit it to the Dean seven working days prior to the oral. Students are advised to consult with the College of Graduate Studies and Research Office on this matter at least one month prior to the exam.

It is the responsibility of the student who may have any disability that could interfere with his/her conduct or ability to respond to questioning at an oral defence, to reveal the circumstances in sufficient time prior to the defence to allow the Examining Committee
and the College of Graduate Studies and Research to take measures to accommodate the situation at the oral exam. The student must inform his/her Supervisor or Graduate Chair, who in turn must inform the College of Graduate Studies and Research of any accommodations.

A brief evaluation of the Ph.D. thesis must be submitted by the External Examiner to the Dean of Graduate Studies and Research indicating that the thesis examination should take place as scheduled. This evaluation must be in the hands of the Dean or designate before the examination takes place.

After the thesis examination, a certification form stating the Committee's decision and signed by members of the Committee, is given to the Dean, or designate, who is present at the examination.

Where the Committee's decision is not unanimous, the majority view will prevail provided that the External Examiner shares the majority view. Where the External examiner does not share the majority view, the examination shall be adjourned and the Dean will review the situation and establish appropriate procedures to resolve the matter. Unless the examination is adjourned for such a reason, the decision of the Examining Committee is final.

It is normal for the Examining Committee to require at the time of the examination that revisions be made to the thesis before final submission. The Examining Committee will establish procedures and name the person(s) responsible for ensuring that the revisions are carried out completely. Candidates are expected to make the revisions promptly. Failure to do so could jeopardize successful completion of the degree.

The candidate must submit the thesis electronically. Instructions for electronic submission are found on the College website.

The regulations concerning copyright and subsequent use of a thesis are the same as for a Master's thesis (see applicable section on Requirements for Master's Degrees).

**Bound Thesis Submission**

Students should check with their individual departments for the departmental policy on bound thesis submission. The College of Graduate Studies and Research does not require submission of bound theses.

**Publication**

The University does not require the publication of doctoral theses other than electronically in the University Library. Each thesis is expected to include material acceptable for publication in scholarly journals of the field in which the candidate has done the research. Publication permissions are completed online.

**Recommendations for Award of Degrees**

Prior to the thesis defence, the Advisory Committee is responsible for establishing that the candidate has met all other requirements for the award of the degree, as specified in academic unit and College of Graduate Studies and Research regulations and indicated on the student's approved Program of Studies: residence, qualifying examination, courses credited for the degree (including transfer credits), comprehensive examination and any other requirements. The Advisory Committee is responsible for determining when the thesis is ready to go to defence. The written statement to this effect must contain the exact title of the thesis, as it appears on the thesis.

All necessary paperwork provided at the defence must be received in the College of Graduate Studies and Research Office on or before the date, available from the College office, or under the Academic Calendar established in relation to Convocation.
Concentration

This is a depth of study which prescribes a suite of courses that provides students additional expertise and specialized training in one aspect of their major. Typically, a concentration will be similar in requirements to a minor, but the majority of coursework will occur within the student’s major field of study rather than outside of it. Colleges have developed a variety of terms for concentrations (option, specialization within a major, themes, streams, etc.). Please see the University Nomenclature Report for more details: http://www.usask.ca/university_secretary/council/nomenclaturereport2011.php

Student Rights

Graduate students are also advised to obtain copies of the following publications: Guidelines for the Various Parties Involved in Graduate Student Project and Thesis Research; Graduate Student Handbook; Guidelines for Preparation of a Thesis. All of these graduate publications and the College of Graduate Studies and Research Policy and Procedures Manual are available for viewing at the College of Graduate Studies and Research website. An Intellectual Properties Policy (Graduate Students) was approved in 1996 and is available at University of Saskatchewan Principles and Policies Regarding Intellectual Property and Commercialization.

Time Limit

Special permission may be granted for a four-month extension in a P.G.D., Master's or Ph.D. program. It is the student's responsibility to apply to the academic unit for a time extension by completing form GSR 205 and setting out a timeline for completion of the diploma or degree requirements. The academic unit will forward form GSR205 with a recommendation to the College of Graduate Studies and Research Office. Students are advised in writing by the Dean of Graduate Studies and Research of acceptance or rejection of this recommendation. Only in most unusual circumstances will a further four-month extension be granted.

Doctorate Degree for Scholarly Work

Members of Convocation of the University of Saskatchewan or faculty members may apply or may be nominated for the award of an earned D.Sc. or D.Litt. based on the high standard of their published works and related international stature in their particular fields of research. Persons wishing to apply or to nominate an individual for such an award should write to the Dean of Graduate Studies and Research for a copy of the regulations concerning the submission of an application and the subsequent evaluation of the applicant's scholarly work.

Disciplinary Areas

Approved graduate programs exist in the following departments arranged by Disciplinary Areas

Humanities & Fine Arts

Art & Art History

English

French

History

Music

Philosophy

Life Sciences
Anatomy & Cell Biology
Animal & Poultry Science
Applied Microbiology & Food Science
Biochemistry
Biology
Community & Population Health Science
Kinesiology
Health Sciences
Large Animal Clinical Sciences
Microbiology & Immunology
Nutrition & Dietetics
Pharmacology
Pharmacy
Physiology
Plant Sciences
Psychiatry
Small Animal Clinical Sciences
Soil Science
Toxicology
Veterinary Biomedical Sciences
Veterinary Microbiology
Veterinary Pathology

Physical & Engineering Sciences
Biomedical Engineering
Chemical Engineering
Chemistry
Civil & Geological Engineering
Computer Science
Electrical Engineering
Environmental Engineering
Geological Sciences
Mathematics & Statistics
Mechanical Engineering
Physics & Engineering Physics

Social Sciences A
Agricultural Economics
Archaeology
Economics
Geography
Law
Native Studies
Nursing
Political Studies
Psychology
Sociology

Social Sciences B
Accounting
Business Administration
Curriculum Studies
Educational Administration
Educational Foundations
Educational Psychology & Special Education
Finance & Management

Special Case admissions are available in any department.

Courses

Many of the courses have specifically stated prerequisites. Under exceptional circumstances, prerequisites may be waived as approved by the academic unit.

Not all courses described are given in any one academic year. As of 2005-2006, certain course abbreviations have
changed. Students with credit for a course under its former label may not take the relabelled course for credit.

900-level Courses

GSR 980 Courses
These courses are non-credit courses, not associated with any specific department, but available on recommendation by the student's Advisory Committee to all registered graduate students. There are no tuition fees, provided the student is registered for other courses. Students must officially register in order to attend. These courses do not reduce the course requirements for a graduate degree.

990 Course
Most Master's and Ph.D. programs include a requirement that students register in a 990 seminar course. There is no tuition fee for the 990 course, provided students are registered for other courses. The 990 course carries no credit unit weight and does not reduce course requirements in the required program of study. Unless otherwise specified, a course numbered 990 and described as a seminar does not involve examinations and has no credit attached to it, although a student is required to attend and to participate in the discussions. Students must register in the 990 course at the time of first registration in any program containing a 990 component. This registration must be continuous until they have completed requirements for the course. Once credit has been received, no further registration in the 990 course will be either required or allowed. These seminar courses vary considerably in content. All include reports and discussions on current developments, research and methodology in the field, and all include requirements for student participation and presentations.

992, 994, 995, 996 Courses
All students who are working on their thesis register for 994/995 (Master's Programs) or 996 (Ph.D. Programs). Project courses for students registered in Master's programs without thesis are numbered 992 (project). The times and rooms at which courses meet are posted by the academic unit prior to the beginning of a term.

College of Graduate Studies & Research Courses

GSR courses, which are non-credit courses, are not associated with any specific academic unit, but are available on recommendation by the student's Advisory Committee to all registered graduate students. There are no tuition fees for these courses, provided the student is registered for other courses. Students must officially register for these courses in order to attend. These courses do not reduce the course requirements for a graduate degree.

College of Graduate Studies and Research courses are listed in the Course Descriptions section of the Course & Program Catalogue under the following subject headings:

- Accounting (ACC, MPAC)
- Agricultural Economics (AGEC)
- Agricultural Medicine (AGMD)
- Anatomy and Cell Biology (ACB)
- Animal Science (ANSC)
- Anthropology (ANTH)
- Applied Microbiology (APMC)
- Archaeology (ARCH)
- Art (ART)
- Art History (ARTH)
- Biochemistry (BIOC)
- Biological Engineering (BLE)
- Biology (BIOL)
- Biomedical Engineering (BIOE)
- Business Administration (MBA)
- Chemical Engineering (CHE)
- Chemistry (CHEM)
- Civil and Geological Engineering (CE)
- Classical Medieval and Renaissance Studies (CMRS)
- Classics (Contact the Department of History)
- Clinical Research (CLR)
- Commerce (COMM)
- Community Health and Epidemiology (CHEP)
- Computer Science (CMPT)
- Drama (DRAM)
- Economics (ECON)
- Education:
  - Curriculum Studies (ECUR)
  - Education (ERES, EDUC)
  - Educational Administration (EADM)
  - Educational Communications and Technology (ECMM)
  - Educational Foundations (EFDT)
  - Educational Psychology and Special Education (EPSE)
  - Educational Technology and Design (ETAD)
  - Indian and Northern Education (EIND)
  - Special Education (EEXC)
- Electrical Engineering (EE)
- Engineering Physics (EP)
- English (ENG)
- Environment and Sustainability (ENVS)
- Environmental Engineering (ENVE)
- Finance and Management Science (FIN)
- Food Science (FDSC)
- French (FREN)
- General Engineering (GE)
- Geography (GEOG)
- Geological Sciences (GEOL)
- Geophysics (GEOL)
- German (GERM)
- Graduate Studies and Research (GSR)
- History (HIST)
- Industrial Relations (INDR)
- Interdepartmental (ITDL)
- Interdisciplinary Studies (INTD)
- International Trade (JSGS)
- Kinesiology (KIN)
- Large Animal Clinical Sciences (VLAC)
- Law (LAW)
- Management (MGT)
- Marketing (MKT)
- Mathematics (MATH)
- Mechanical Engineering (ME)
- Medicine (MED)
- Microbiology and Immunology (MCIM)
- Music (MUS)
- Music Applied (MUAP)
- Music Education (EMUS)
- Native Studies (NS)
- Nursing (NURS)
- Nutrition (NUTR)
- Obstetrics, Gynecology & Reproductive Sciences (OBGY)
- Pathology (PATH)
- Pharmacology (PCOL)
- Pharmacy (PHAR)
- Philosophy (PHIL)
- Physical Therapy (PTH)
- Physics and Engineering Physics (PHYS)
- Physiology (PHSI)
- Plant Sciences (PLSC)
- Political Studies (POLS)
- Psychiatry (PSIA)
- Psychology (PSY)
- Public Health (PUBH)
- Public Policy (JSGS)
- Rehabilitation Medicine (REHM)
- Religious Studies (RLST)
- Remote Sensing (RESE)
- School and Counselling Psychology (SCP)
- Small Animal Clinical Sciences (VSAC)
- Sociology (SOC)
- Soil Science (SLSC)
- Spanish (SPAN)
- Statistics (STAT)
- Surgery (SURG)
- Toxicology (TOX)
- Ukrainian (UKR)
- Veterinary Biomedical Sciences (VBMS)
- Veterinary Interdepartmental (VINT)
- Veterinary Microbiology (VTMC)
- Veterinary Pathology (VTPA)
- Women and Gender Studies (WGST)

**Grading System**

The following describes the relationship between literal descriptors and percentage scores for courses in the College of Graduate Studies and Research:

**90-100 Exceptional**
A superior performance with consistent strong evidence of

- a comprehensive, incisive grasp of subject matter;
- an ability to make insightful, critical evaluation of information;
- an exceptional capacity for original, creative and/or logical thinking;
- an exceptional ability to organize, to analyze, to synthesize, to integrate ideas, and to express thoughts fluently;
- an exceptional ability to analyze and solve difficult problems related to subject matter.

80-89 Very Good to Excellent

A very good to excellent performance with strong evidence of

- a comprehensive grasp of subject matter;
- an ability to make sound critical evaluation of information;
- a very good to excellent capacity for original, creative and/or logical thinking;
- a very good to excellent ability to organize, to analyze, to synthesize, to integrate ideas, and to express thoughts fluently;
- a very good to excellent ability to analyze and solve difficult problems related to subject matter.

70-79 Satisfactory to Good

A satisfactory to good performance with evidence of

- a substantial knowledge of subject matter;
- a satisfactory to good understanding of the relevant issues and satisfactory to good familiarity with the relevant literature and technology;
- a satisfactory to good capacity for logical thinking;
- some capacity for original and creative thinking;
- a satisfactory to good ability to organize, to analyze, and to examine the subject matter in a critical and constructive manner;
- a satisfactory to good ability to analyze and solve moderately difficult problems.

60-69 Poor

A generally weak performance, but with some evidence of

- a basic grasp of the subject matter;
- some understanding of the basic issues;
- some familiarity with the relevant literature and techniques;
- some ability to develop solutions to moderately difficult problems related to the subject matter;
- some ability to examine the material in a critical and analytical manner.

<60 Failure

An unacceptable performance.

Program Requirements

- Percentage scores of at least 70% are required for a minimal pass performance in undergraduate courses taken by graduate
students;

- Percentage scores of at least 70% are required for a minimal pass performance for each course which is included in a Ph.D. program;
- Percentage scores of at least 70% are required for a minimal pass performance in all courses used toward JSGS Public Policy and Public Administration programs and all core courses for Master of Public Health students, whether included in a Ph.D. program or a Master's program;
- For all other graduate courses, percentage scores of at least 60-69% are required for a minimal pass performance for each course which is included in a Master's program, provided that the student's Cumulative Weighted Average is at least 70%;
- Graduate courses for which students receive grades of 60-69% are minimally acceptable in a Postgraduate Diploma program, provided that the Cumulative Weighted Average is at least 65%;
- Students should seek information on other program requirements in the Course & Program Catalogue and in academic unit publications.
Aboriginal Agriculture & Land Management

Website: Aboriginal Agriculture & Land Management

The objective of the Postgraduate Diploma (PGD) in Aboriginal Agriculture and Land Management is to provide students who hold a Bachelor's Degree in a non-agricultural discipline with sufficient training in agribusiness and land management to enable them to operate at the interface between the aboriginal community and the agribusiness sector. The primary focus of the P.G.D. is on aboriginal students who have graduated from a Bachelor's Degree in a non-agricultural discipline, but all students are welcome in the program.

Program Requirements

Post Graduate Diploma

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (ie. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Diploma Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves human subjects
- A minimum 30 credit units, including:

12 credit units

12 credit units, as approved, from the following:

- AGRC 411.3
- BPBE 320.3
- BPBE 343.3
- BPBE 344.3
- BPBE 347.3
- COMM 347.3
- NS 366.3
- PLSC 445.3
- RRM 312.3
18 credit units

18 credit units, as approved, from the following:

- BPBE 810.3
- BPBE 812.3
- BPBE 813.3
- BPBE 892.6
- CHEP 898.3 - in a relevant topic, as approved by the Department
- ENVS 821.3
- ENVS 831.3
- GEOG 886.3
- JSGS 863.3
- NS 810.3
- SLSC 810.3
Accounting

Website: Edwards School of Business

Program Requirements

Master of Professional Accounting (M.P.Acc.)

The M.P.Acc. program is designed to prepare candidates as professional accountants in public practice and industry. The program consists of eleven courses taken over two consecutive summer semesters (May through August). The courses include advanced study in accounting, assurance, taxation, and expose candidates to financial and strategic management, the modern business environment, information systems and entrepreneurship. The program also develops candidates’ personal and professional competencies such as ethical behaviour, independence, integrity, critical thinking, strategic problem solving, and written and verbal communication skills through a series of workshops and seminars.

Successful candidates are prepared to challenge professional accounting qualifying examinations (i.e. the Chartered Accountants’ Uniform Evaluation UFE). While this is not a requirement of the program, candidates often obtain business and accounting work experience during the eight-month period between summer semesters.

Prospective students seeking more information about the Master of Professional Accounting program at the Edwards School of Business are invited to visit the Edwards MPAcc website at www.edwardsmpacc.ca or e-mail mpacc@edwards.usask.ca.

Prospective students with non-Canadian undergraduate credentials should consult the “International Applicants” web page under the “Prospective Students” section of the Edwards M.P.Acc.’s website.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (ie. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- adequate preparation in Canadian Accounting, including the following undergraduate courses: Intermediate Accounting (assets and liabilities), Advanced Accounting (theory or consolidations and equity interests), Management and cost accounting, Tax (personal or corporate), and Assurance.

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
42 credit units, including:

- MPAC 811.4
- MPAC 814.4
- MPAC 813.4
- MPAC 821.3
- MPAC 825.3
- MPAC 815.4
- MPAC 826.3
- MPAC 890.4
- MPAC 823.3
- MPAC 816.4
- MPAC 824.3
- MPAC 992.3

- a residency requirement of 8 months

Master of Science in Accounting (M.Sc.)

As of 2006, applications are not being accepted for the M.Sc. in Accounting program. The M.Sc. program, offered in the area of accounting, represents an intensive analysis of the discipline. Course work and thesis are directed towards an examination of the current status and the evolution of accounting thought as well as that of various organizations and structures which the profession has developed. The level of course work will assume that students have a very strong background in accounting. At a minimum, candidates for admission should be either undergraduate accounting majors or professional accountants. Enrolment will be restricted to four or five students a year.

The program contains several integrating viewpoints and approaches. First is a concern with examining and recognizing the interrelated nature of the various aspects of accounting - in effect the unity of accounting thought. Second, the program views the discipline of accounting as being intimately related to the profession itself - its organization, role, evolution, leadership, etc. - and therefore considers these as appropriate areas for academic inquiry. Third, each course in the program is designed to produce in the student an awareness of the most recent accounting research. Areas of research under investigation by faculty The Accounting Department's faculty are interested in a number of different areas of research: financial statement analysis, accounting education, judgment in auditing, audit-management conflict, audit risk, accounting academic-practitioner interface, business valuation, disclosure strategy, international accounting, accounting information and capital markets, and management accounting and control. Prospective students requiring more information about the Master of Science in Accounting program at the University of Saskatchewan are invited to visit the M.Sc. in Accounting website or write the Director of the Master of Science in Accounting program.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units
- thesis
Agricultural Economics

Website: Department of Bioresource Policy, Business & Economics

Program Requirements

Postgraduate Diploma (P.G.D.)

Designed for students currently in the workforce who wish to upgrade their skills in the area of agricultural economics. Applicants to these programs will be individually assessed by the Graduate Coordinator.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Diploma Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units, at least 18 of which are at the 800 level
- must maintain an average of 70 percent or better in thesis programs

Master of Agriculture (M.Agr.)

Designed for students currently in the workforce who wish to upgrade their skills in the area of agricultural economics.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- BPBE 990.0
- BPBE 992.0
- must maintain an average of 70% or better while in these programs
- TOEFL required as per College of Graduate Studies and Research Regulations
- a residency requirement of 1 year

**Master of Science (M.Sc.)**

Students whose undergraduate training is in an area of specialization other than agricultural economics, economics, or a relevant field, are usually required to take about one year of additional training in agricultural economics at the undergraduate level.

**Admission Requirements**

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- background training including training in mathematics, statistics, economic theory, and econometrics

**Degree Requirements**

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 18 credit units including:
  - BPBE 990.0
  - BPBE 994
  - 6 credit units of Microeconomics
  - 3 credit units of Econometrics
  - 9 credit units chosen based on the student's area of specialization. These courses must be approved by the student's advisory committee and the College of Graduate Studies and Research.
- courses may be taken outside the Department, but in an area related to the area of specialization. Courses are generally taken at the graduate level. However, one course may be at the senior undergraduate level on approval of the student's advisory committee.

**Doctor of Philosophy (Ph.D.)**

**Admission Requirements**
Master's degree, or equivalent, from a recognized university in a relevant academic discipline

a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)

Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - BPBE 990.0
  - BPBE 996.0
  - 6 credit units of Microeconomics
  - 6 credit units of Econometrics
  - 3 credit units of Macroeconomics
  - 6 credit units chosen based on the student's area of specialization. These courses must be approved by the student's advisory committee and the College of Graduate Studies and Research. Courses may be taken outside the Department, but in an area related to the area of specialization.

- qualifying examination
- comprehensive examination

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 39 credit units at the 800-level
- BPBE 990.0
- BPBE 996.0
- qualifying examination
- comprehensive examination
Anatomy & Cell Biology

Website: Department of Anatomy and Cell Biology

Areas of research interest include cell and molecular biology, developmental biology, neurobiology, and advanced anatomical image analysis. Opportunities exist for collaborative projects involving other programs.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units
- ACB 990.0
- ACB 994.0
- thesis defense

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 3 credit units (if M.Sc. already completed) otherwise 12 credit units
- ACB 990.0
- ACB 996.0
- GSR 988.0 (if required)
- thesis defense
- comprehensive examination

**Transfer from Master’s to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units of 800-level coursework
- ACB 990.0
- ACB 996
Animal & Poultry Science

Website: Department of Animal & Poultry Science

Research areas in the department include nutrition, physiology, genetics, and management and behaviour of farm and companion animals. Many supporting courses are also available in other departments. Students should contact the department to determine when specific courses are offered.

Program Requirements

Master of Agriculture (M.Agr.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- ANSC 992.0
- ANSC 990.0
- no specified residence requirement

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information
Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level
- ANSC 990.0
- ANSC 994.0
- the advisory committee may recommend additional courses
- thesis defense
- no specified residence requirement

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units at the 800-level
- ANSC 990.0
- ANSC 996.0
- the advisory committee may recommend additional courses
- qualifying examination
- comprehensive examination
- thesis defense
- no specified residence requirement

Transfer from Master's to Ph.D.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
• a minimum of 15 credit units at the 800-level
• ANSC 990.0
• ANSC 996.0
• qualifying examination
• comprehensive examination
Applied Microbiology

Website: Applied Microbiology

Emphasis in course work and research is on the role and exploitation of microbial activities in agriculture, industry, and the environment. Faculty research interests include water quality, safety, fermentation, yeast nutrition, microbial biotechnology, applied mycology, microbial genetics, feed biotransformation, environmental microbiology, and microbial lipids. Programs may be oriented towards Biotechnology.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units, at least 18 of which are at the 800-level

Master of Agriculture (M.Agr.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units, at least 18 of which are at the 800-level plus the 992 course
- APMC 990.0
- APMC 992.0
- project defense

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level
- APMC 990.0
- APMC 994.0
- thesis defense
- additional courses, if recommended by the student's Advisory Committee

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 3 credit units at the 800-level
- APMC 990.0
- APMC 996.0
- additional courses, if recommended by the student's Advisory Council
- qualifying examination
- comprehensive examination
- thesis defense

Transfer from M.Sc. to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units at the 800-level
- APMC 990.0
- APMC 996.0
- additional courses, if recommended by the student's Advisory Committee
Archaeology & Anthropology

Website: Department of Archaeology and Anthropology

Program Requirements

Master of Arts (M.A.) - Anthropology

The Department of Archaeology & Anthropology offers a graduate program leading to the degree of Master of Arts in Anthropology. The Master's program emphasizes two streams: medical anthropology and environmental anthropology. Students wishing to register in the program should consult with the Head of the Department and the graduate advisor as early as possible in advance of the regular academic session. The graduate program has been designed to provide some flexibility in the choice of courses and research topics within the capacity of the department's resources. An applicant should hold a four-year honours degree, equivalent degree in anthropology or an academic discipline relevant to the proposed field of study. Students with Honours degrees in disciplines other than anthropology are encouraged to apply, but they may be required to do qualifying or additional course work.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the ANTH 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum 12 credit units including:
  - ANTH 801.3
  - ANTH 802.3
  - ANTH 804.3 or ANTH 806.3
  - ANTH 990.0
  - ANTH 994.0
  - 3 credit units electives chosen in consultation with supervisory committee
- oral thesis defense

Master of Arts (M.A.) - Archaeology
The Department of Archaeology & Anthropology offers a graduate program leading to the degree of Master of Arts in Archaeology. Students wishing to register in the program should consult with the Head of the Department and the graduate advisor as early as possible in advance of the regular academic session. The graduate program has been designed to provide flexibility in the choice of courses and research topics within the capacity of the department's resources. An applicant must hold a four-year honours degree or equivalent degree in archaeology, anthropology or an academic discipline relevant to the proposed field of study. Students with Honours degrees in other disciplines are encouraged to apply, but they will be required to do qualifying course work. The admission prerequisites are: (1) substantial course work in the area of declared research interest; and (2) a course in archaeological method and theory. Archaeology is considered a major field of study, but each applicant must declare an area of concentration. Applicants are strongly encouraged to identify the topic area in which they wish to do their thesis research so that a thesis supervisor can be assigned when the applicant is accepted. The course requirements consist of 12 credit units at the graduate level, which must include ARCH 805.3. Other courses are chosen in consultation with the student's supervisory committee. Some of these courses may be taken from cognate fields outside the department.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- a course in archaeological method and theory

Degree Requirements

Students must maintain continuous registration in the ARCH 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 12 credit units including:
  - ARCH 805.3
  - ARCH 990.0
  - ARCH 994.0
- oral defence of thesis
Art & Art History

Website: Department of Art and Art History

The Master of Fine Arts degree is offered in studio art. Candidates for the M.F.A. degree must have a four-year honours degree or its equivalent in an academic discipline relevant to the proposed field of study with acceptable standing upon entrance to the program. When applying for admission, students must submit a statement of intent and a proposed area of research or study to the Head of the Department. Applicants are requested to present 20 slides, 3 names of individuals to provide letters of recommendation, and official transcripts in consultation with the University of Saskatchewan online application for graduate studies. Applications for admission should be made no later than February 1 for the term beginning the fall of that year.

After admission, a program of courses and research will be arranged in consultation with the department's Graduate Committee and the candidate's supervisor. Accepted candidates may concentrate in the following studio disciplines: painting, drawing, printmaking, sculpture, photography, and extended media. Applicants should anticipate a minimum of two years to complete the program requirements. Studio facilities are available for 1st and 2nd year candidates. Upon completion of the program, the department will, in consultation with candidates, select one work from M.F.A. exhibitions for the university collection.

Program Requirements

Master of Fine Arts (M.F.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- students must submit a statement of intent and a proposed area of research or study to the Department Head
- 20 slides
- 3 letters of recommendation
- official transcripts
- University of Saskatchewan application
- applications should be made no later than February 1st for the Fall Term of that year

Degree Requirements

Students must maintain continuous registration in ART 995

- A minimum of 18 credit units total
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- ART 990.0
- ART 995.0 and M.F.A. exhibition
- ART 830.6
- 6 credit units from:
  - ART 839.3
  - ART 841.3
  - ART 842.3
  - ART 851.3
  - ART 852.3
  - ART 861.6
  - ART 871.3
  - ART 872.3
  - ART 881.3
  - ART 882.3
- 6 credit units of electives
Biochemistry

Website: Department of Biochemistry

Graduate student programs in Biochemistry emphasize biotechnology, nanotechnology, diabetes, gene expression, metabolism, molecular biology, plant biochemistry, protein structure/function and engineering, muscle function, cell cycle control, and signal transduction in metabolism and cancer. There are also opportunities for collaborative graduate research programs with the Plant Biotechnology Institute, the Saskatoon Cancer Centre, companies located in Innovation Place and several other departments at the U of S.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level
- BIOC 990.0
- BIOC 994.0
- thesis defense

**Doctor of Philosophy (Ph.D.) - Direct Entry**

**Admission Requirements**

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the BIOC 996 course.

- at least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- qualifying examination
- comprehensive examination
- thesis defense
- students must enroll in BIOC 990.0 in the Fall and Winter terms.

**Doctor of Philosophy (Ph.D.) - Non-Direct Entry**

**Admission Requirements**

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**
Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level including any such courses taken at the M.Sc. level
- BIOC 990.0
- BIOC 996.0
- the advisory committee may recommend courses to address specific deficiencies of the student.
- qualifying examinations
- comprehensive examination
- thesis defense

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level
- BIOC 990.0
- BIOC 996.0
- the advisory committee may recommend additional courses to address specific deficiencies of the student
- comprehensive examination
- thesis defense
Biological Engineering

Website: College of Engineering

Research areas in the department include agricultural machinery design, tillage mechanics, sensors and instrumentation for agricultural and biological systems, agricultural building environments, soil and water management, waste management, cold-regions hydrology, postharvest and food engineering and value-added bioprocessing. Research programs may be arranged in environmental engineering in consultation with the Division of Environmental Engineering. The faculty members in the department work closely with engineers and scientists at the Prairie Agricultural Machinery Institute, the Institute for Agricultural Rural and Environmental Health, the Prairie Swine Centre Inc., the National Hydrology Water Research Center and the Canada-Saskatchewan Irrigation Development Centre. In addition, interdisciplinary programs can be arranged in cooperation with other university departments.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

http://www.usask.ca/programs/colleges-schools/grad-studies/programs/biological-engineering.php
and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- BLE 990.0
- BLE 992.0

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- BLE 990.0
- BLE 994.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.
Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units
- BLE 990.0
- BLE 996.0
- qualifying exam
- comprehensive exam
- thesis defense
Biological Psychiatry

Website: Department of Psychiatry

Extensive facilities exist to support basic and clinical research in psychiatric and neurological disorders. The current research includes: study of the mechanisms of and potential treatments for psychiatric and neurodegenerative disorders such as Schizophrenia, Parkinson's and Alzheimer's Diseases, and acute neurological conditions such as stroke and ischemia; search for neurotrophic factors involved in neuronal protection, survival and rescue; molecular biological studies on neurotrophic factors, enzymes and receptors; gene regulation of monoamine synthesizing and catabolizing enzymes; investigations on biological markers and of the correlations between mood or behavior and the levels of neurochemicals in body fluids; clinical studies on the effects of psychiatric drugs on neurotransmitters and metabolites; studies of the uptake, release, binding and signal transduction mechanisms of a variety of CNS transmitters and modulators, drugs and ligand binding; studies of the enzymes involved in synthesis and catabolism of neuroactive compounds; role of alcohol-metabolizing enzymes in the development of alcoholism; cell-cell interactions; cerebrovascular functions

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 9 credit units including:
  - PSIA 990.0
  - PSIA 994.0
  - PSIA 851.3

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements
a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study

a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)

Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

- A minimum of 15 credit units, including:
  - PSIA 851.3
  - PSIA 990.0
  - PSIA 996.0
- comprehensive examination

**Doctor of Philosophy (Ph.D.) - Non-Direct Entry**

**Admission Requirements**

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

- a minimum of 6 credit units, including:
  - PSIA 851.3
  - PSIA 990.0
  - PSIA 996.0
- qualifying examination
- comprehensive examination
- thesis defense
Transfer from Master’s to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 15 credit units at the 800-level, including:
  - PSIA 851.3
  - PSIA 996.0
- Qualifying examination
- Comprehensive examination
- Thesis defense
Biology

Website: Department of Biology

The Department of Biology offers programs leading to the M.Sc. and Ph.D. degrees in molecular, cellular, organismic, population, ecosystem, and evolutionary biology. The faculty, which includes associate members and adjunct professors from other departments, schools and institutes on campus, has particular strength in ecology and behaviour, environmental sciences, biotechnology, cell biology, molecular biology, functional genomics, and developmental biology. Joint graduate research programs can be arranged with other colleges of the university: Western College of Veterinary Medicine, College of Medicine, and College of Agriculture and Bioresources. Joint research programs can also be arranged with several government institutions on the campus: Prairie and Northern Wildlife Centre; Plant Biotechnology Institute; Agriculture and Agri-Food Canada.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in BIOL 994 and register in BIOL 990 during the Fall and Winter terms.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units of 800-level courses
- BIOL 990.0
- BIOL 994.0
- thesis defence

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e.
coursework required in Master's program)

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in BIOL 996, and register in BIOL 990 during regular session.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units of 800-level courses, including any such courses taken at the M.Sc. level
- additional courses, if recommended by the student's Advisory Committee
- BIOL 990.0
- BIOL 996.0
- qualifying examination
- comprehensive examination
- thesis defence

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in BIOL 996, and register in BIOL 990 during the Fall and Winter terms.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units of 800-level courses, completed prior to transfer
- additional courses, if recommended by the student's Advisory Committee
- BIOL 990.0
- BIOL 996.0
- Comprehensive examination
- thesis defence

Principles and Applications of Electron Microscopy (ITDL 810)

The department also participates in the teaching of this course. For details, see the Course Descriptions section of the Catalogue.

- ITDL 810.3
Biomedical Engineering

Website: Biomedical Engineering

The Division of Biomedical Engineering offers postgraduate programs leading to the P.G.D. and the M.Eng., M.Sc. and Ph.D. degrees. Research in the Division is of an interdisciplinary nature involving the application of Engineering Sciences to the solution of specific problems in Medicine, Veterinary Medicine, and related fields. The following are focal areas for the activity: biomedical image processing, biomechanics, medical instrumentation, and use of the Biomedical Beam Line of the Canadian Light Source.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if coursework requires research involving human subjects
- GSR 962.0 if coursework requires research involving animal subjects
- minimum of 30 credit units, at least 18 of which must be at the 800-level

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- BIOE 990.0
- BIOE 992.0, including:
  - a final report on the research project

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- BIOE 990.0
- BIOE 994.0
- thesis defence

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 996 course.

- at least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 18 credit units
- BIOE 990.0
- BIOE 996.0
- qualifying exam
- comprehensive exam
- thesis defence

**Doctor of Philosophy (Ph.D.) - Non-Direct Entry**

**Admission Requirements**

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units
- BIOE 990.0
- BIOE 996.0
- qualifying exam
- comprehensive exam
- thesis defence

**Transfer from Master's to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- a minimum of 18 credit units
- BIOE 990.0
- BIOE 996.0
- qualifying exam
- comprehensive exam
- thesis defence
Biostatistics

Website: Biostatistics

The Graduate Program in Biostatistics is a collaborative program of the Department of Community Health and Epidemiology, Department of Mathematics and Statistics, and the School of Public Health. The program offers research-intensive training leading to M.Sc. and Ph.D. degrees. Research focuses on the development and application of statistical techniques for medical, biological, and agricultural data. Topics for research projects are in such areas as computational statistics, clinical trials, classification techniques, measurement error, longitudinal data analysis, analysis of complex survey data, and multivariate statistics. In order to promote research, core faculty of the program maintain linkages with a number of Departments, Schools, and Colleges on campus, including the College of Medicine, Department of Computer Science, College of Arts and Science, College of Nursing, and Western College of Veterinary Medicine.

Individuals interested pursuing study in Biostatistics should contact the Director of Research and Public Health Research Programs, School of Public Health to obtain further information about program requirements and policies.

Read more

Elective Courses

The elective courses will be appropriate to the student's research and will be chosen in consultation with the student's Advisory Committee.

A list of suggested elective courses includes:

Electives:

- CHEP 801.3
- CHEP 806.3
- CMPT 818.3
- CMPT 830.3
- PUBH 803.3
- PUBH 867.3
- PSY 807.3
- STAT 834.3
- STAT 848.3
- STAT 842.3
- STAT 851.3
- VLAC 881.3

In the absence of a suitable elective course in any of the Departments or Schools, students may either take a reading course with the permission of the student's Advisory Committee or may take another course at another university and apply to have the course accepted by the College of Graduate Studies and Research as an equivalent of program course requirements.

Program Requirements
Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 15 credit units coursework, including:
  - CHEP 800.3
  - STAT 850.3
  - PUBH 842.3
  - BIOS 990.0
  - BIOS 994.0
  - 6 credit units of elective courses appropriate to student's research, chosen in consultation with the student's Advisory Committee

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units of coursework, including:
  - CHEP 806.3
  - CHEP 810.3 or STAT 834.3
- STAT 841.3
- STAT 848.3
- BIOS 990.0
- BIOS 996.0
- 3 credit units elective course appropriate to student's thesis research
  - qualifying examination
  - comprehensive examination
  - thesis defence
Biotechnology

At the graduate level the College has supported two initiatives to develop graduate training in the biotechnology area. The College supported and assisted with the development of the new M.B.A. program, with a Biotechnology Management theme area. Through the Interdisciplinary Studies Program of the College of Graduate Studies and Research, there is a Biotechnology Concentration area for graduate students. The concentration in biotechnology provides graduate students with a cohort of faculty and student colleagues with which they can investigate an understanding of the multidisciplinary aspects of the issue of how transformative technologies (currently biotechnology) is shaping and being shaped by society.

Academic Regulations

Students must be admitted to and register in one of the regular colleges of the University and are governed by the admission requirements, deadlines, and academic regulations of the college in which they are registered.

Required courses include

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
Business Administration

Website: Edwards School of Business

All courses are offered at the Edwards School of Business.

Program Requirements

Master of Business Administration (M.B.A.)

Leading to a professional general management graduate degree, the Edwards MBA’s intensive and highly integrated format will develop management ability in an applied and useful way. A student will learn the people skills of management: how to manage oneself and others; how to communicate effectively; how to lead. The Edwards MBA is a highly integrated program designed to meet the needs of individuals whose undergraduate education has been in either business or academic disciplines other than business, and whose future careers are likely to involve managerial activities.

The Edwards MBA can be completed in only 12 months if taken full time, or part time in up to 36 months. A decidedly unique aspect of this innovative MBA program is the focused learning and integration of business concepts. Each course is offered consecutively in a modular format. Courses are scheduled in three week durations creating an intensive learning environment that immerses students in the subject area while allowing flexibility in scheduling your MBA education. Furthermore, our students learn how business concepts are integrated into business decisions through a combination of applied courses, exercises, case studies and projects incorporating each functional business area.

The Edwards MBA Program offers an optional Internship Program to those Edwards MBA students hoping to gain relevant work experience in their field of interest. The program consists of two four-month work terms starting in January of the first year of study. As an internship student who secures a work placement (placements are not guaranteed), you will register in two permission-only MBA courses (MBA 879.0 and MBA 882.0), and will be a paid, full-time employee gaining meaningful work experience related to your area of study. Learn More!

A unique opportunity exists for students to complete dual M.B.A. and M.D. degrees. This opportunity is available to students accepted into the College of Medicine, allowing them to apply to and if accepted, complete an M.B.A. degree in addition to the M.D. degree. For further information on the M.B.A. admission and program requirements, please see below. For further information on the College of Medicine admission and program requirements please visit the College of Medicine website and the M.D. section of this Catalogue.

Prospective students seeking more information about the Master of Business Administration program at the Edwards School of Business are invited to visit the Edwards MBA website at www.edwardsmba.ca or e-mail mba@edwards.usask.ca.

Admission Requirements

- recommended minimum score of 500 Graduate Management Admission Test (GMAT)
- minimum 600 TOEFL score paper-based; 250 computer-based; 97-100 internet-based test; IELTS – score of 6.5 required
- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit
three confidential letters of recommendation (two academic and one professional)

- current Resume detailing positions held and a description of responsibilities
- applicants will participate in an interview with the M.B.A. selection committee

**Degree Requirements**

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

**A minimum 45 credit units including:**

- MBA 803.3
- MBA 813.3
- MBA 819.3
- MBA 825.3
- MBA 828.3
- MBA 829.3
- MBA 830.3
- MBA 846.3
- MBA 865.3
- MBA 870.3
- MBA 877.3
- MBA 878.3
- MBA 883.3
- MBA 889.3
- MBA 992.3
Chemical Engineering

Website: College of Engineering

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Diploma Requirements

Before registering in any of the following courses, students are advised to contact the head of the department for a list and timetable of courses to be offered in the current academic year.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 30 credit units

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Before registering in any of the following courses, students are advised to contact the head of the department for a list and timetable of courses to be offered in the current academic year.
Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Before registering in any of the following courses, students are advised to contact the head of the department for a list and timetable of courses to be offered in the current academic year. Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- CHE 990.0
- CHE 994.0

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours, or equivalent, from a recognized university in a relevant academic discipline in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of full-time undergraduate study (i.e. 60 credit units of course work)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.
At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master’s thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 18 credit units
- CHE 990.0
- CHE 996.0
- Pass a comprehensive examination, after completing the required course work, and prior to focusing on their research and doctoral thesis.
- Write and successfully defend a thesis based on original investigation.

Doctor of Philosophy (Ph.D.) - Non-Direct Entry

Admission Requirements

- a Master's degree, or equivalent, from a recognized university in a relevant academic discipline to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Before registering in any of the following courses, students are advised to contact the head of the department for a list and timetable of courses to be offered in the current academic year. Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units
- CHE 990.0 as appropriate
- CHE 996.0 as appropriate
- qualifying exam
- comprehensive exam

Transfer from Master's to Ph.D.

Degree Requirements

Before registering in any of the following courses, students are advised to contact the head of the department for a list and timetable of courses to be offered in the current academic year. Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 18 credit units, 9 of which were attained in the Master's program
- CHE 990.0
- CHE 996.0
- qualifying exam
- comprehensive exam
Chemistry

Website: Department of Chemistry

The Department of Chemistry offers research-intensive programs leading to the M.Sc. and Ph.D. degrees. Research activities cover modern aspects of analytical, organic, inorganic, physical, and theoretical chemistry. In addition, several interdisciplinary fields are emphasized including bioorganic chemistry, biological chemistry, electrochemistry, spectroscopy and photochemistry, chemical structure, and interfacial and surface phenomena. In order to promote research, the department maintains close ties with other science and engineering departments, the National Research Council, and other government institutions on campus.

Before registering in any Chemistry courses, students are advised to contact the Head of the Department to check if and when a course is to be offered.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units, including:
  - CHEM 801.6
  - CHEM 990.0
  - CHEM 991.0
  - CHEM 994.0
- oral thesis defense

Doctor of Philosophy (Ph.D.)

Admission Requirements
Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study

- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units
- CHEM 990.0
- CHEM 991.0
- CHEM 996.0
- qualifying examination
- comprehensive examination
- oral defense

**Transfer from Master's to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units, including:
  - CHEM 801.6
  - CHEM 990.0
  - CHEM 991.0
  - CHEM 996.0
- comprehensive examination
- oral defense
Civil & Geological Engineering

Website: Department of Civil & Geological Engineering

Graduate courses in Civil Engineering are offered in four broad areas: Transportation, Geo-Engineering, Structures and Materials Science, and Water Sciences.

Studies in Transportation include topics on transportation economics, transportation systems, pavement management, geometric design, and traffic engineering.

Studies in Geological, Geotechnical, and Geo-environmental Engineering include topics on rock mechanics, hydrogeology, petroleum wells and reservoirs, terrain evaluation, physio-chemical properties of soils, frozen soils, unsaturated and swelling soils, volume change and shear strength, slope stability, saturated-unsaturated seepage, contaminant transport, solid waste management, foundation and retaining wall design.

Studies in Structures and Materials Science include topics on structural analysis, numerical analysis methods, dynamics of structures, theory of elasticity, advanced composite materials, structural steel design, prestressed concrete and concrete technology.

Studies in Water Sciences include topics on environmental engineering, water quality, advanced water and waste water treatment, water resources development, river and canal engineering, open channel flow, hydraulic structures and machinery, wave mechanics, surface hydrology and statistical hydrology.

Active research programs are conducted in several majors including: geotechnical; geo-environmental; engineering geology; waste management in the domestic, resource and industrial sectors; environmental; hydrology; hydraulic structures; transportation and transportation economics; structural analysis and design, and civil engineering materials.

The Department of Civil and Geological Engineering has no specified residency periods for its graduate programs. Master's and Ph.D. students must participate in the CE 990 graduate seminar activities as required, attend graduate advisory committee meetings in person, and maintain regular communications with their supervisor(s). All graduate students are encouraged to spend time on campus engaging in scholarly activities and interacting with faculty, staff and fellow students.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
Diploma Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- CE 990.0
- CE 992.0

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units
**Doctor of Philosophy (Ph.D.)**

**Admission Requirements**

- Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 6 credit units
- CE 990.0
- CE 996.0

**Transfer from Master’s to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 21 credit units
- CE 990.0
- CE 996.0
Community & Population Health Science

Website: Department of Community Health and Epidemiology

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 18 credit units, including:
  - CHEP 800.3
  - CHEP 802.3
  - CHEP 813.3
  - CHEP 811.3
  - CHEP 805.3 or a qualitative methods course (ERES 845.3, NURS 893.3, PSY 809.3)
  - 3 credit units of elective graduate-level courses
  - CHEP 990.0
  - CHEP 994.0

- oral thesis defense
- residency requirement as set by department

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)
Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students who have not taken courses that represent an adequate introduction to community and population health at the Master's level (e.g., students who have a Master's degree in a related field) will be required to take CHEP 813.3 and possibly another of the required Master's courses. The courses will be in addition to the regular Ph.D. course load, and will be followed by a qualifying examination to ensure that the student is ready to be considered 'fully qualified'. Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 12 credit units, including:
  - CHEP 812.3
  - an advanced research methods course, such as CHEP 806.3
  - 6 credit units of elective graduate-level courses
  - CHEP 990.0
  - CHEP 996.0
- qualifying examination, as required
- comprehensive examination
- oral thesis defense
- residency requirement as set by department

Transfer from Master’s to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- CHEP 990.0
- a minimum of 21 credit units, depending on previous course work (defined as course work that may have been taken in previous Master's level program), including:
  - prior to transfer, a minimum 9 credit units total from CHEP 800.3, CHEP 802.3, CHEP 813.3, CHEP 811.3
  - an additional 12 credit units at the graduate-level after transfer including:
    - CHEP 812.3
    - a 3 credit unit advanced research methods course, such as CHEP 806.3
    - CHEP 996.0
- completion of a qualifying examination prior to transfer
- comprehensive examination
- oral thesis defense
The department publishes a Graduate Handbook, which describes in greater detail the graduate programs offered, the requirements and prerequisites for these programs, and potential financial assistance for students.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- a minimum TOEFL score of either 600 (paper) or 250 (computer)
- a minimum IELTS score of 7.0

Diploma Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- a minimum TOEFL score of either 600 (paper) or 250 (computer)
- a minimum IELTS score of 7.0
Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units, including:
  - CMPT 880.3
  - CMPT 990.0
  - CMPT 994.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
  - a minimum TOEFL score of either 600 (paper) or 250 (computer)
  - a minimum IELTS score of 7.0

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units, including:
  - CMPT 890.3. If a student has completed CMPT 880.3 or received for a similar graduate-level course in the topic of research methodology as part of a previous degree, another 3 credit unit course must be completed. Please consult the department for further details.
  - At least 3 additional credit units at the graduate-level, as approved by the department.
  - CMPT 990.0
  - CMPT 996.0
- qualifying examination
- comprehensive examination

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
• GSR 962.0 if research involves animal subjects
• a minimum of 21 credit units, including:
  o CMPT 880.3 or CMPT 890.3
  o CMPT 990.0
  o CMPT 996.0
• comprehensive exam
Corrections

The Postgraduate Degree Specialization Certificate (P.G.D.S.C.) in Corrections is a specialized postgraduate training program, targeted to practitioners in the field of corrections. This largely applied training program designed for senior corrections managers, has as its underlying goal to enhance correctional effectiveness and community safety by ensuring participants are equipped with the advanced knowledge and skills that will support the consistent and effective application of evidence-based corrections programming and practices and active leadership in corrections research and evaluation within the agencies and jurisdictions they represent.

Program Requirements

Postgraduate Degree Specialization Certificate (P.G.D.S.C.)

Admission Requirements

- completion of a Master's degree from a recognized University in one of Psychology, Sociology, Criminology, Social Work, or another relevant graduate degree in the Human Services area with a 70% average for coursework completed within that degree;
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- current employment with and written letter of nomination from the sponsoring corrections agency (employer) confirming commitment to participate.

Degree Requirements

Students must maintain continuous registration in CORR 870.3

This course-based program consists of the following courses, totaling 26 credit units, to be completed during full-time enrolment over a two-year period, including:

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

Year 1

- CORR 810.3
- CORR 820.3
- CORR 830.4

Year 2

- CORR 840.3
- CORR 850.7
- CORR 860.3
- CORR 870.3
Curriculum Studies

Website: College of Education

The Masters of Education program in Curriculum Studies addresses the relationship between practice and theory in curriculum research, design, implementation, evaluation, and leadership. Those choosing to pursue a Masters of Education in Curriculum Studies will be encouraged to focus on aspects of praxis leading to expertise and leadership in that aspect. Please consult the Department of Curriculum Studies for more information.

Compared to the theses-based M.Ed., students in the course-based M.Ed. may not be as well equipped for further graduate studies in the area of Curriculum Studies.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Education (M.Ed.) - Course-based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- one year’s school teaching experience
Degree Requirements

Minimum 30 credit units including:

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum 30 credit units, including:
  - ECUR 811.3
  - ECUR 812.3
  - ERES 800.3
  - ECUR 990.0
  - ECUR 991.3
  - 18 credit units of electives

Master of Education (M.Ed.) - Project-based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent, from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- one year’s school teaching experience

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum 24 credit units, including:
  - ECUR 811.3
  - ECUR 812.3
  - ERES 800.3
  - ECUR 990.0
  - ECUR 992.0 (students must maintain continuous registration in this course)
  - 15 credit units of electives

Master of Education (M.Ed.) - Thesis-based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent, from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information
and Policies in this Catalogue for more information

- one year’s school teaching experience

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum 21 credit units, including:
  - ECUR 811.3
  - ECUR 812.3
  - ERES 800.3
  - ECUR 990.0
  - ECUR 994.0 (students must maintain continuous registration in this course)
  - 12 credit units of electives
Drama

Graduate programs leading to the M.A. in Drama are available only to exceptional students on a special case basis. The Special Case M.A. in drama is an individually tailored program. Prospective students should consult with the Head of the Department.
Economics

Website: Department of Economics

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a minimum 65% average (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units) including courses in Advanced Micro and Macro Economic Theory, Econometrics, and Mathematical Economics
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Arts (M.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a minimum 70% average (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units) including courses in Advanced Micro and Macro Economic Theory, Econometrics, and Mathematical Economics
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 or 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
a minimum of 15 credit units, including:
  - ECON 800.3
  - ECON 801.3
  - ECON 808.3

Either a project, or a thesis, as follows:

- Project: ECON 990.0, ECON 992.0, and 9 additional credit units
- Thesis: ECON 990.0, ECON 994.0
Educational Administration

Website: College of Education

The Department of Educational Administration is actively involved in research relating to educational leadership, rural education, and school effectiveness.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- 2 or more years of successful teaching experience

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Education (M.Ed.) - Course-based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent from a recognized college or university
- a cumulative weighted average of at least a 73% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- 2 or more years of successful teaching experience

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
GSR 962.0 if research involves animal subjects
- a minimum 30 credit units, including:
  - EADM 811.3
  - ERES 800.3 or ERES 810.3 or ERES 820.3 as approved by the Department of Educational Administration
  - EADM 991.3
  - EADM 990.0

Master of Education (M.Ed.) - Thesis-based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent from a recognized college or university
- a cumulative weighted average of at least a 73% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- 2 or more years of successful teaching experience

Degree Requirements

- Students must maintain continuous registration in the 994 course
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 21 credit units, including:
  - EADM 811.3
  - ERES 800.3, ERES 810.3 or ERES 820.3
  - EADM 994.0
  - EADM 990.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master of Education (M.Ed.) or equivalent from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- 2 or more years of successful teaching experience

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum of 18 credit units, including:
  ○ EADM 881.3
  ○ EADM 884.3
  ○ EADM 885.3
  ○ EADM 990.0
  ○ EADM 996.0
● comprehensive examination
Educational Foundations

Website: Department of Educational Foundations

Students' programs in Educational Foundations can be arranged to permit access to the courses and faculty. Such programs may be designed to meet the requirements for the following:

- Master of Education
- The purpose of this program is to provide opportunity for students to undertake graduate study in the area of social and ecological justice education.

The department focuses on the study and promotion of social and ecological justice education. Special interests areas include Indigenous and anti-racist education, adult and lifelong learning, environmental and ecological education, comparative and international education, gender and sexual orientation issues, as well as critical and creative approaches to various educational practices including process philosophy, critical pedagogies, place-based learning, land-based learning, learning through life history, anti-oppressive education and global education.

Program Requirements

Master of Education (M.Ed.) - Course-based

Admission Requirements

- Bachelor of Education (B.Ed.) from a recognized college or university or documented and approved equivalency
- A Cumulative Weighted Average of at least 70% (University of Saskatchewan grade system equivalent) in the last two years of study (i.e., 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- A minimum 30 credit units, including:
  - EFDT 990.0 (for two terms)
  - EFDT 870.3
  - One research course (EFDT 845.3, ERES 800.3, ERES 810.3, or another research course approved by the advisory committee)

Master of Education (M.Ed.) - Project-based

Students must maintain continuous registration in the 992 course.
Admission Requirements

- Bachelor of Education (B.Ed.) from a recognized college or university or documented and approved equivalency
- A cumulative Weighted Average of at least 70% (University of Saskatchewan grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subject
  - A minimum 18 credit units, including:
    - EFDT 990.0 (for two terms)
    - EFDT 870.3
    - One research course (EFDT 845.3, ERES 800.3, ERES 810.3, or another research course approved by the advisory committee
    - EFDT 992.0

Master of Education (M.Ed.) - Thesis-based

Students must maintain continuous registration in the 994 course.

Admission Requirements

- Bachelor of Education (B.Ed.) from a recognized college or university or documented and approved equivalency
- A cumulative Weighted Average of at least 70% (University of Saskatchewan grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subject
  - A minimum 12 credit units, including:
    - EFDT 990.0 (for two terms)
    - EFDT 870.3
    - One research course (EFDT 845.3, ERES 800.3, ERES 810.3, or another research course approved by the advisory committee
    - EFDT 994.0
Educational Psychology & Special Education

Website: Department of Educational Psychology and Special Education

The Department of Educational Psychology and Special Education, University of Saskatchewan, currently offers two M.Ed (Thesis) programs: (1) M.Ed. in School & Counselling Psychology; and (2) M.Ed. with a specialization in either Special Education or Measurement and Evaluation, as well as the M.Ed. course-based option in Educational Psychology and Special Education in either Special Education or Measurement and Evaluation.

Program Requirements

Master of Education (M.Ed.) - School and Counseling Psychology

This full time program requires the completion of 36 credit units of academic course work, including 6 credit units of practicum experiences, two non-credit graduate seminars, and a thesis. The program focuses intensely on the integration of research and practice. The objective is to prepare future psychologists who provide direct (assessment, intervention) and indirect (consultative, collaborative, advocacy) psychological services to children, youth and young adults, their families, school personnel, and the community. Graduates from this program will be trained as ethical, scientist practitioners who have competencies to work as members of interdisciplinary teams in a variety of academic, research, school, mental health, government, community agency, and private practice settings.

Admission Requirements

- Bachelor of Education (B.Ed.), or Bachelor of Arts Honours (B.A. Honours), or Bachelor of Arts (Honours) in an area other than Psychology or Education
- at least one year of successful work experience in a human services field

Students applying with B.A.(Hon.) in Psychology

- EPSE 390.3
- EPSE 258.3 or PSY 213.3 or PSY 214.3 (Courses may be included in the B.A.(Hon.) in Psychology program)
- EPSE 417.3 or PSY 257.3 (Courses may be included in the B.A.(Hon.) in Psychology program)
- EPSE 416.3
- EPSE 540.3
- PSY 110.6 (Courses may be included in the B.A.(Hon.) in Psychology program)
- PSY 222.3 (Courses may be included in the B.A.(Hon.) in Psychology program)
- PSY 233.3 (Courses may be included in the B.A.(Hon.) in Psychology program) or EPSE 441.3
- PSY 234.3 (Courses may be included in the B.A.(Hon.) in Psychology program) or ERES 840.3

Students applying with B.Ed.

- EPSE 390.3 (course is compulsory in the B.Ed. program)
- EPSE 258.3 (course is compulsory in the B.Ed. program) or PSY 213.3 or PSY 214.3
- EPSE 417.3 or PSY 257.3
- EPSE 416.3
- EXPR 402.15 (course is compulsory in the B.Ed. program)
- PSY 110.6 (course could be included in students Arts & Sciences program prior to entry into the B.Ed)
- PSY 222.3 (course could be included in students Arts & Sciences program prior to entry into the B.Ed)
- EPSE 441.3 or PSY 233.3 (course is compulsory in the B.Ed. program)
- PSY 234.3 (course could be included in students Arts & Sciences program prior to entry into the B.Ed) or ERES 840
- Must have a total of 15 credit units of Psychology, including the Psychology prerequisites.
- Must have at least one year of successful work experience in a human services field.

Students applying with 4-year degree other than B.A.(Hon.) in Psychology or B.Ed.

- Must have completed 30 credit units in Psychology and the Educational Psychology prerequisites (i.e. EPSE 258.3 or PSY 213.3 or PSY 214.3; EPSE 390.3; EPSE 417.3 or PSY 257.3; and EPSE 416.3)
- Must have at least one year of successful work experience in a human services field.

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

Minimum of 36 credit units including:

- SCP 810.3
- SCP 811.3
- SCP 812.3
- SCP 813.3
- SCP 814.3
- SCP 815.3
- SCP 816.3
- SCP 817.3
- SCP 818.3
- SCP 819.3
- SCP 990.0
- SCP 991.0
- SCP 994.0
- ERES 800.3
- one of ERES 840.3, ERES 841.3, ERES 845.3
- residency requirement of 2 years

Master of Education (M.Ed.) - Educational Psychology & Special Education

The M.Ed. in Educational Psychology and Special Education is a research intensive program designed to prepare researchers and practitioners with specialization in either Applied Measurement & Evaluation or Special Education. There is a thesis route (18 credit
units plus thesis) and a course-based route (30 credit units).

**Admission Requirements**

**Special Education**

- four-year degree in Psychology or Education
- minimum 6 credit units of undergraduate study in the area of Special Education
- introductory statistics course

**Measurement & Evaluation**

- four-year degree in Psychology or Education
- intermediate statistics course

**Course-Based M.Ed. in Special Education - Advanced Standing Entrance Requirements**

- Post Degree Certificate in Education: Special Education
- four-year degree in Education
- 6 credit units of undergraduate study in Special Education
- introductory statistics course

**Degree Requirements**

**Thesis-Based M.Ed. in either the Special Education Stream or the Measurement & Evaluation Stream**

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- completion of 18 credit units
- EPSE 994.0
- one year full-time residency

**Course Based M.Ed. (Special Education Stream)**

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- ERES 800.3
- Two 3 credit unit courses in Research Methodology, one of which must be an ERES course or its equivalent as chosen from the following: ERES 840.3, or 3 credit units in Intermediate Statistics as approved by the EPSE department, or ERES 845.3, or 3 credit units in Qualitative Research Methods, as approved by the EPSE department.
- EPSE 859.3
- EPSE 868.3
- EPSE 888.3
- EPSE 842.3, or 3 credit units in Applied Measurement and Evaluation as approved by the EPSE department, or EPSE 843.3, or 3 credit units in Applied Measurement and Evaluation, as approved by the EPSE department.
- EPSE 993.3
- EPSE 990.0
- 9 credit units of electives chosen in consultation with EPSE Graduate Chair

Course Based M.Ed. (Special Education Stream with Advanced Standing)

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- ERES 800.3
- ERES 840.3 or ERES 845.3
- EPSE 859.3 or EPSE 868.3
- EPSE 888.3
- EPSE 993.3
- EPSE 990.0

Course Based M.Ed. (Measurement and Evaluation Stream)

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- ERES 800.3
- EPSE 842.3 or 3 credit units in Applied Measurement and Evaluation, as approved by the EPSE department.
- EPSE 843.3 or 3 credit units in Applied Measurement and Evaluation, as approved by the EPSE department.
- EPSE 844.3 or 3 credit units in Applied Measurement and Evaluation, as approved by the EPSE department.
- ERES 841.3 or 3 credit units in Advanced Statistics, as approved by the EPSE department.
- EPSE 888.3
- EPSE 993.3
- EPSE 990.0
- 9 credit units of electives chosen in consultation with the EPSE Graduate Chair

Doctor of Philosophy (Ph.D.) - Special Case

For information, please contact the Department of Educational Psychology and Special Education.
Educational Technology & Design

Educational Technology and Design, housed in the Department of Curriculum Studies, is an academic field of study and practice concerned with the social, professional and pedagogical influence of technology in learning. It is multidisciplinary in nature, drawing theoretical perspectives and principles from psychology, communications theory, systems theory, learning science, computer and information technology, and informatics.

Program Requirements

Master of Education (M.Ed.) - Thesis

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent degree from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- three letters of permission
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

a minimum 21 credit units, including:

- ECUR 809.3
- ECUR 990.0
- ERES 800.3
- ETAD 802.6
- ETAD 803.3
- ETAD 804.3
- ETAD 873.3
- ETAD 994.0

Master of Education (M.Ed.) - Project-Based

Admission Requirements
Bachelor of Education (B.Ed.) or equivalent degree from a recognized college or university
a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
three letters of permission
Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

A minimum 24 credit units, including:

- ECUR 809.3
- ECUR 990.0
- ERES 800.3
- ETAD 802.6
- ETAD 803.3
- ETAD 804.3
- ETAD 873.3
- ETAD 992.0

A minimum of 3 credit units, as approved by the department from:

- ECUR 805.3
- ECUR 810.3
- ECUR 898.3
- ECUR 899.6
- ETAD 874.3
- ETAD 877.3
- ETAD 879.6
- ETAD 898.3
- ETAD 899.6

Master of Education (M.Ed.) - Course-Based

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent degree from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- three letters of permission
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information
and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

A minimum 30 credit units, including:

- ECUR 809.3
- ECUR 990.0
- ERES 800.3
- ETAD 802.6
- ETAD 803.3
- ETAD 804.3
- ETAD 873.3
- ETAD 991.3

A minimum of 6 credit units, as approved by the department from:

- ECUR 805.3
- ECUR 810.3
- ECUR 898.3
- ECUR 899.6
- ETAD 874.3
- ETAD 877.3
- ETAD 879.6
- ETAD 898.3
- ETAD 899.6
Electrical Engineering

Website: Electrical and Computer Engineering

Postgraduate diploma (P.G.D.), Master of Engineering (M.Eng.), Master of Science (M.Sc.), and Doctor of Philosophy (Ph.D.) programs in Electrical Engineering are offered. The specific areas of active research are: Power system analysis, protection and control; reliability evaluation; electrical machines; image processing; pattern recognition and remote sensing; communication systems; instrumentation and microprocessor applications; VLSI and computer aided design; and biomedical engineering.

Applicants for advanced degrees in Electrical Engineering are advised to start graduate programs at the beginning of the Regular Session in September. Before registering in any courses, students are advised to contact the Chair of the Graduate Affairs Committee for a list and timetable of courses to be offered in the current academic year.

Program Requirements

Postgraduate Diploma (P.G.D.)

Some of the courses listed are specialized in nature and are only given when there is sufficient demand.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Diploma Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units
- EE 990.0

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- EE 992.0
- EE 990.0
- a supervised project report

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- EE 994.0 (thesis)
- EE 990.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
● GSR 960.0
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum of 6 credit units
● EE 996.0 (thesis)
● EE 990.0
● Comprehensive exam

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

● GSR 960
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum 18 credit units of graduate level courses
● EE 996.0 (thesis)
● EE 990.0
● Comprehensive exam
English

Website: Department of English

Program Requirements

Master of Arts (M.A.) - Thesis-based

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum of 15 cu of course work including:
  - ENG 801.3
  - ENG 990.0
  - ENG 994.0
  - a minimum of 12 additional credit units at 800-level
- language requirement and complete thesis

Master of Arts (M.A.) Project-based

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Students must complete a total of 18 credit units (15 credit units of electives at the 800-level and ENG 801.3)
  - ENG 801.3
  - ENG 990.0
  - ENG 992.0
- language requirement and complete project

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in an academic discipline relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of full-time study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- ENG 990.0
- ENG 996.0
- a minimum of 18 credit units at the 800-level
- if ENG 801.3 or equivalent has not previously been taken, 801.3
- qualifying examination or equivalent
- field examination
- language requirement
- dissertation

Transfer from M.A. to Ph.D.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 30 credit units at the 800-level
- ENG 801.3
- ENG 990.0
- ENG 996.0
- Field examination
- Language requirement
- Dissertation requirement
Environment & Sustainability

Website: School of Environment and Sustainability

The School of Environment and Sustainability delivers programs that challenge students to think outside the boundaries of traditional disciplinary programs, to explore related disciplines in depth, and to integrate knowledge gained into a central theme. The programs are interdisciplinary in nature and practical in their focus. Each program draws upon knowledge and experience of faculty from a full spectrum of colleges which include: College of Agriculture and Bioresources, College of Arts and Science, Edwards School of Business, College of Education, College of Engineering, and the College of Law.

Program Requirements

Master of Environment and Sustainability (M.E.S.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- total of 12 credit units including:
  - 6 credit units of core courses, including: ENVS 803.3 and ENVS 807.3
  - 6 credit units of electives (as approved by the faculty advisor)
  - a seminar series in Environment and Sustainability, ENVS 990.0
  - ENVS 994.0

Master of Sustainable Environmental Management (M.S.E.M.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (e.g. 60
Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- total of 30 credit units including the following:
  - 12 credit units of core courses: ENVS 806.3, ENVS 807.3, ENVS 808.3, and ENVS 805.3
  - 12 credit units of electives (as approved by the faculty advisor)
  - project in Environment and Sustainability, ENVS 992.6
  - a seminar series in Environment and Sustainability, ENVS 990.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- total of 6 credit units of coursework (as approved by the advisory committee)
- ENVS 809.3
- minimum 3 credit units of electives
- ENVS 990.0
- ENVS 996.0
- qualifying examination within four months of their first registration
- comprehensive examination within 24 months of their first registration
- students who have not previously taken an interdisciplinary master's degree are recommended to take ENVS 801.3 or ENVS 802.3

Transfer from M.SEM. or M.E.S. to Ph.D.

Exceptional students may be recommended to transfer into a Ph.D. program without completing a Master's degree.

Degree Requirements
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 18 credit units of course work
- ENVS 990.0
- ENVS 996.0
- qualifying examination prior to transfer
- comprehensive examination within 16 months of transfer
Law

Website: College of Law

The College offers programs of study leading to a Master of Laws degree. Admission to undertake studies in a particular area of the program will depend upon the availability of faculty supervision. Every effort is made to structure the programs to meet the needs of the individual student. Candidates are required to complete a minimum of 9 credit units, including Law 828.3 - Graduate Jurisprudence Seminar. All students must undertake original research leading to a thesis of publishable quality. The program ordinarily takes one to two years to complete. Receipt of the LL.M. degree does not qualify a student for admission to the Bar in Canada. Preference will be given to students who have studied in the Common Law tradition. An individual directed research project (3 credit units) may be undertaken in lieu of a course. With faculty approval, one of the required courses may be taken outside the College of Law in an associated discipline.

The College of Law makes available a scholarship fund for outstanding applicants.

Program Requirements

Master of Laws (LL.M.)

Admission Requirements

- a Juris Doctor or Bachelor of Laws degree, or equivalent, from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 and 990 courses.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animals subjects
- a minimum of 9 credit units, including:
  - LAW 828.3
  - LAW 990.0
  - LAW 994.0
- a residency requirement of 1 year
Graduate programs leading to the M.A. in Linguistics are available only to exceptional students on a special case basis. Individual programs are planned for each student in relation to the direction of the student's interests and in areas in which the faculty is competent to provide direction. Courses are offered on a seminar basis. Students must complete GSR 960.0, GSR 961.0 if research involves human subjects, GSR 962.0 if research involves animal subjects, a minimum of 15 credit units and a thesis.
Mathematics & Statistics

Website: Department of Mathematics and Statistics

The Department of Mathematics and Statistics offers M.Math., M.Sc. and Ph.D. degrees with specialization in the areas of Applied Mathematics, Mathematics, or Statistics (see specific details on the department webpage).

Program Requirements

Master of Mathematics (M.Math.)

Admission Requirements

- A four-year honors degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study.
- A cumulative weighted average of at least 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units).
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 24 credit units of course work
- Residency requirement of 1 year

Master of Science (M.Sc.)

Admission Requirements

- A four-year honors degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study.
- A cumulative weighted average of at least 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units).
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements
Students must maintain continuous registration in MATH 994.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units course work
- MATH 990.0
- MATH 994.0
- residency requirement of 1 year

Doctor of Philosophy (Ph.D.)

Admission Requirements

- A Master's degree, or equivalent, from a recognized university in an academic discipline relevant to the proposed field of study; under no circumstances may a prospective student holding a Bachelor's degree be admitted directly into a Ph.D. program.
- A cumulative weighted average of at least 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program).
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 9-18 credit units of course work beyond the M.Sc. level
- MATH 996.0
- MATH 990.0
- Qualifying exams to demonstrate knowledge in three areas chosen from one of the specialization lists available on the department webpage. There are three possible specializations: Applied Mathematics; Mathematics; or Statistics.
- Comprehensive Examination
- Residency requirement of 1 year

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 24 credit units at the 800-level
- MATH 996.0
- MATH 990.0
- Qualifying Exam
- Comprehensive Exam
Mechanical Engineering

Website: Department of Mechanical Engineering

Research is conducted in various disciplines of Mechanical Engineering which include: Applied Mechanics, Materials and Metallurgy, Manufacturing, Fluid and Thermal Sciences, Bio-engineering, Robotics, and Control Systems. Multidisciplinary studies are encouraged with the cooperation of other departments. Experimental, numerical, and theoretical investigations are carried out using a large number of research labs and computer systems.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units

Master of Engineering (M.Eng.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units, plus the 992 course.
- ME 990.0
- ME 992.0

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units, including:
  - ME 990.0
  - ME 994.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
Transfer from Master's to Ph.D.

Admission Requirements

- a degree, or equivalent, from a recognized college or university in a field related to Mechanical Engineering

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 21 credit units, including:
  - ME 990.0
  - ME 996.0
Microbiology & Immunology

Website: Department of Microbiology and Immunology

The Department of Microbiology and Immunology offers graduate programs leading to the M.Sc., and Ph.D. degrees. Current research carried out in the department deals with the following topics:

**Molecular Genetics/Microbial Physiology:** molecular regulation and secretion of virulence factors in pathogenic bacteria, genetic regulation of gluconeogenic enzymes, catalytic and regulatory mechanisms of microbial enzymes, chromosomal rearrangements, carcinogenesis, chemical mutagenesis, mutagenic mechanisms, DNA alkylation damage and repair in eukaryotes, and mechanism of replication initiation.

**Immunology/Virology:** molecular and cellular mechanisms responsible for self-nonself discrimination and immune class determination, cellular and molecular interactions involved in lymphocyte activation and differentiation, analysis of regulatory function of CD8 T cells.

**Pathogenesis/Infectious Diseases:** development of effective vaccination and immunotherapeutic strategies against intracellular pathogens causing chronic disease and against cancers, clinical bacteriology.

**Tumor Biology/Immunology:** tumor metastasis, molecular tumor immunology.

Program Requirements

**Master of Science (M.Sc.)**

**Admission Requirements**

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units of graduate courses
- MCIM 990.0
- MCIM 994.0
- thesis defence
Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- if the student entered the Ph.D. program directly from another institution, a minimum of 3 credit units
- MCIM 990.0
- MCIM 996.0
- a comprehensive examination to establish candidacy for the awarding of the Ph.D.
- thesis defence

Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units
- MCIM 990.0
- MCIM 996.0
- a comprehensive examination to establish candidacy for the awarding of the Ph.D.
- thesis defence
Music

Website: Department of Music

The Department of Music offers graduate programs in composition, music theory, and performance leading to the Master of Music (M.Mus.) and in musicology leading to the Master of Arts (M.A.) degrees. Special case programs are available in the Master of Music in conducting (choral or instrumental), or Master of Music in Music Education (M.Mus.[Mus.Ed.]) programs. The M.Mus and M.A. programs in composition, music theory, and musicology require 21 credit units plus a thesis. The M.Mus. program in performance requires 30 credit units, and is project-based. Certain areas of concentration also include the successful completion of a comprehensive examination and a foreign language(s). The normal time for completion is two years, including a one-year residency. For further information, please contact the Department of Music.

Program Requirements

Master of Music (M.Mus.) (Composition or Music Theory)

This is a thesis-based program.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- Please contact the Department of Music for information.

Degree Requirements - Composition

Students must maintain continuous registration in MUS 994.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - MUS 841.3
  - MUS 845.3
  - MUS 853.3 or MUS 854.3
  - MUS 842.6
  - MUS 823.3
  - One of: MUS 822.3, MUS 843.3, MUS 851.3, MUS 855.3, MUS 898.3, or MUS 899.6
  - MUS 994.0 (thesis)
• completion of a comprehensive examination
• a foreign language
• a keyboard requirement
• participation in professional activities

Degree Requirements - Music Theory

Students must maintain continuous registration in MUS 994.

• GSR 960.0
• GSR 961.0 if research involves human subjects
• GSR 962.0 if research involves animal subjects
• a minimum of 21 credit units, including:
  • MUS 841.3
  • MUS 845.3
  • MUS 853.3 or MUS 854.3
  • 12 credit units from the following: MUS 843.3, MUS 850.3, MUS 851.3, MUS 855.3, MUS 856.3, MUS 898.3, or MUS 899.6
  • MUS 994.0 (thesis)
• completion of a comprehensive examination
• a foreign language
• a keyboard requirement
• participation in professional activities

Master of Music (M.Mus.) (Performance)

The Master of Music in performance degree (project-based) requires a minimum of 24 post-baccalaureate credit units. The degree is offered in the following areas: Piano, Collaborative Piano, Voice, Trumpet, Saxophone and Conducting/Music Education. Within Conducting/Music Education, there are two areas of emphasis: choral or wind.

Admission Requirements

• a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
• a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
• three letters of recommendation
• a current resume
• statement of intent in which the candidate describes his/her prior academic background, readiness to undertake the Master of Music Degree in performance, and purpose for wanting to enroll in the program
• Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements (Piano, Collaborative Piano, Voice, Trumpet and Saxophone Concentrations)

Students must maintain continuous registration in the 992 course.

• GSR 960.0
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum of 24 credits units, including:
  ○ MUS 841.3 (Graduate students who have previously taken a bibliography course may petition the Department of
    Music Graduate Committee to have the bibliography requirement waived and to have another 800-level elective
    substituted in its place)
  ○ MUS 845.3
  ○ MUS 853.3 or MUS 854.3
  ○ MUS 811.3
  ○ MUS 812.3
  ○ MUS 813.3
  ○ MUS 814.3
  ○ one of: MUS 840.3, MUS 843.3, MUS 851.3, MUS 852.3, MUS 855.3, or MUS 898.3
  ○ MUS 992.0
● a foreign language (voice only)
● participation in professional activities (see Department of Music for information)
● keyboard requirement (non-keyboard majors)

**Degree Requirements (Conducting/Music Education Concentration)**

Students must maintain continuous registration in the 992 course.

● GSR 960.0
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum of 24 credits units, including:
  ○ MUS 841.3 (Graduate students who have previously taken a bibliography course may petition the Department of
    Music Graduate Committee to have the bibliography requirement waived and to have another 800-level elective
    substituted in its place)
  ○ MUS 845.3
  ○ MUS 853.3 or MUS 854.3
  ○ MUS 828.3 or MUS 838.3
  ○ EMUS 838.3 or EMUS 848.3
  ○ MUAP 820.0
  ○ Three of: MUS 833.3, MUS 863.3, EMUS 841.3, EPSE 843.3, EMUS 890.3 and MUS 898.3
  ○ MUS 992.0
● participation in professional activities (see Department of Music for information)
● keyboard requirement (non-keyboard majors)

**Master of Arts (M.A.) (Musicology)**

This is a thesis-based program.

**Admission Requirements**

● a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the
  proposed field of study
● a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit
  units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- Please contact the Department of Music for information on additional admission requirements.

**Degree Requirements**

Students must maintain continuous registration in MUS 994.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - MUS 841.3
  - MUS 845.3
  - MUS 853.3 or MUS 854.3
  - 6 credit units from MUS 821.3, MUS 851.3, MUS 852.3, MUS 853.3, or MUS 854.3
  - 6 credit units of electives
- MUS 994.0 (thesis)
- completion of a comprehensive examination
- a foreign language
- keyboard requirement
- professional activities
Native Studies

Website: Department of Native Studies

The Department of Native Studies offers a graduate program leading to the Master of Arts (M.A.) degree.

Admission requires an Honours degree in Native Studies. Students from allied social science or humanities areas, or from other fields where there has been a focus on Native peoples, will also be considered. All students in this program are required to complete 18 credit units of course work plus a thesis. Required courses are NS 802, NS 803, GSR 960 and GSR 961 (if applicable). Students must also register in NS 990 for one year.

Program Requirements

Master of Arts (M.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in NS 994.0.

- a minimum of 18 credit units, including:
  - NS 802.3 Applied Native Studies Research Methods
  - NS 803.3 Theoretical Issues in Native Studies
  - NS 990.0 Seminar
  - NS 994.0 Thesis
  - GSR 960.0 Introduction to Ethics and Integrity
  - GSR 961.0 Ethics and Integrity in Human Research (if applicable)
  - GSR 962.0 if research involves animal subjects

Special Case Ph.D.

Contact department for more information.
Northern Governance & Development

Website: International Centre for Northern Governance and Development (ICNGD)

Program Requirements

Master of Northern Governance and Development (M.N.G.D.)

The M.N.G.D. is of an interdisciplinary nature in that students applying for the Master's program require a Bachelor's degree from any field of study or specialization. The program is project-based and is designed to allow students to complete all requirements within 16 months of full-time study.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Applicants will be selected by the Graduate Affairs Committee (GAC) of the International Centre for Northern Governance and Development (ICNGD) on the basis of academic and research potential as demonstrated by academic credentials, letters of reference, and past experience and scholarly contributions. Applicants are required to submit the following:
  - In addition to the $75 application fee, applicants must submit a statement of research interests of approximately 1-3 pages in length describing specific areas of interest for the project; a description of why the applicant wants to pursue research in the interdisciplinary context of the ICNGD; and, a description of any employment or study experiences that relate to the research interests described.
  - A writing sample such as a term paper or essay, graded or ungraded, by an instructor, or a work report.
  - Two official copies of all post-secondary transcripts (unless from the University of Saskatchewan).
  - 3 letters of recommendation; at least one of these letters should be from a professor acquainted with the applicant's previous scholarly work, while other letters may comment on the student's preparation for continuing studies through his/her work experience. The letters of recommendation must be accompanied by a completed GSR 101 form.
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Please direct all inquiries about the application process to 306-966-8433.

Degree Requirements

Students must maintain continuous registration, either in a credit course, or a tuition bearing maintenance of status.

- a minimum of 24 credit units including:
  - GSR 960.0
  - GSR 961.0 if research involves human subjects
  - GSR 962.0 if research involves animal subjects
- NORD 836.3
- NORD 837.3
- NS 810.3
- POLS 825.3
- POLS 828.3 or POLS 848.3
- NORD 850.6
- 3 credit units of electives
- NORD 992.0 (Students must maintain continuous registration in this course.)
- NORD 990.0
Nursing

Website: College of Nursing

Program Requirements

Master of Nursing (M.N.) (Thesis program)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- current registration as a registered nurse or registered psychiatric nurse in a Canadian province or territory
- the equivalent of three credit units in each of Statistics and Research Methods at the undergraduate level

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units, including:
  - NURS 882.3
  - NURS 891.3
  - NURS 892.3
  - 3 credit units from NURS 812.3, NURS 813.3, NURS 814.3, NURS 815.3, NURS 816.3, NURS 893.3, or NURS 894.3
  - 3 credit unit 800-level Statistics, typically NURS 818.3
  - NURS 990.0
  - NURS 994.0

Master of Nursing (M.N.) (Course-Based - Educational/Leadership)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the
proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- current registration as a registered nurse or registered psychiatric nurse in a Canadian province or territory
- the equivalent of three credit units in each of Statistics and Research Methods at the undergraduate level

Degree Requirements

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 24 credit units, including the following:
  - NURS 812.3
  - NURS 813.3
  - NURS 882.3
  - NURS 891.3
  - NURS 892.3
  - NURS 990.0
  - NURS 993.3
  - 3 credit unit 800-level Elective
  - 3 credit unit 800-level Statistics, typically NURS 818.3

Master of Nursing (M.N.) (Course-Based - Nurse Practitioner Option - NP)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e., 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- current licensure as a registered nurse in a Canadian province or territory
- the equivalent of three credit units in each of Statistics and Research Methods at the undergraduate level
- 3600 hours of clinical practice as a Registered Nurse in the last five years
- current CPR certificate at health care provider level

Degree Requirements

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
Postgraduate Degree Specialization Certificate: Nurse Practitioner (P.G.D.S.C.)

The P.G.D.S.C. Nurse Practitioner is designed to emphasize specific areas of competence, as well as to provide the theoretical base and foundational underpinnings necessary to the understanding and performance of the nurse practitioner model of practice. Graduates of the P.G.D.S.C. subset will not be restricted to employment in the province of Saskatchewan. This quality of certification will not only benefit the individual student but will attract and accommodate students from across Canada, allowing for a much wider pool of applicants.

Admission Requirements

- completion of Masters in Nursing (MN, MScN, MSN) from a recognized college or university
- 70% overall average (U of S grade system equivalent) within that degree
- a current RN license in good standing from any Canadian jurisdiction
- 4500 hours clinical practice as an RN (approximately 2 years full time practice)

Certificate Requirements

The certificate program could be completed in four terms of full time study. Part-time study is an option for all students with the exception of the periods of supervised clinical experience. Because all the courses are required, continuous registration may not be possible or required as part-time students may need to wait for a specific course to be offered. All courses are offered each year.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 30 credit units, including:
  - NURS 880.3
  - NURS 878.3
  - NURS 879.3
  - NURS 881.3
  - NURS 883.3
  - NURS 870.6
  - NURS 885.3
  - NURS 892.3
  - NURS 893.3
Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- Current registration as a nurse or psychiatric nurse in a Canadian province or territory
- Have completed at least one course in each of statistics, research methods, and nursing theory
- A cumulative weighted average of at least 80% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- Previous research experience, through completion of a thesis or other research experience

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 18 credit units including:
  - NURS 895.3
  - NURS 896.3
  - NURS 897.3
  - NURS 990.0
  - NURS 996.0
  - NURS 997.0
  - 3 credit units in advanced statistics
  - Two course (6 credit units) minimum in cognate area – these 800-level courses should address student's area of specialization and research (must be approved by the Ph.D. Advisory Committee). NURS 816.3 can serve as a cognate course.
- Comprehensive examination
Nutrition

Website: College of Pharmacy and Nutrition

The Division of Nutrition and Dietetics, College of Pharmacy and Nutrition offers graduate studies in the areas of clinical nutrition, community nutrition, nutritional biochemistry, dietary assessment and nutritional epidemiology, nutrition education, nutrition intervention, food security, food biotechnology issues, and nutrition services administration, and also participates in the Interdisciplinary Toxicology Program. Please see the College website for details on research programs of Nutrition Faculty. The College of Pharmacy and Nutrition is focusing research activities in areas that are highly relevant to improving health and quality of life – in the areas of nutritional, lifestyle and community research, primary/ambulatory care, pharmaceutical and nutraceutical sciences, and neurosciences. Collaborative graduate opportunities exist with other health science, biomedical science, animal science and food and microbiological sciences departments, the School of Public Health, health regions and related agencies, the Canadian Light Source synchrotron and the University of the West Indies. In addition to offering Nutrition graduate courses, the College is involved in teaching an Animal Science course in advanced protein and amino acid nutrition.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in NUTR 994.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units, including:
  - NUTR 810.3 or NUTR 811.3 based on relevance to the research project
  - NUTR 994.0
  - NUTR 990.0
- M.Sc. thesis defence

Doctor of Philosophy (Ph.D.)
Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline. Depending on previous academic preparation, the student may be required to begin their program in the Master’s degree, with the intention of transferring to the Doctor of Philosophy program.
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in NUTR 996.0 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units, including:
  - NUTR 810.3 or NUTR 811.3 based on relevance to the research project
  - NUTR 990.0
  - NUTR 996.0
- thesis defence
- qualifying exam
- comprehensive examinations follow College of Graduate Studies and Research requirements, with the exception that for students who have completed a M.Sc. degree in Nutrition or a closely related area at this University or a comparable one, with the thesis written in and defended orally in English, the Qualifying Examination is waived. However, these students are required to present their Ph.D. proposal at an Advisory Committee meeting for approval.
- the residency requirement is under review

Transfer from a Master’s degree to a Ph.D.

Degree Requirements

Students must maintain continuous registration in NUTR 996.0 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 18 credit units, including:
  - NUTR 810.3 or NUTR 811.3 based on relevance to the research project
  - NUTR 990.0
  - NUTR 996.0
- thesis defence
- qualifying exam
- comprehensive examination
Pharmacology

Website: Department of Pharmacology

Research opportunities are available in the following areas: cardiovascular and endocrine pharmacology; clinical pharmacology; neurodegeneration; neurochemistry; neuropharmacology; and psychopharmacology. Students applying for graduate programs in pharmacology should have a strong background in medical sciences which include one or more courses in biochemistry, physiology, cell biology, microbiology or pathology. Students lacking these pre-requisite courses may take remedial courses to strengthen their background, with the approval of the Graduate Chair.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in PCOL 994.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units
- PCOL 990.0
- PCOL 994.0
- Oral Comprehensive Exam

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for
applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in PCOL 996.0

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 3 credit units
- PCOL 990.0
- PCOL 996.0
- Oral Comprehensive Exam

**Transfer from Master's to Ph.D.**

**Degree Requirements**

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- PCOL 990.0
- PCOL 996.0
- Oral Qualifying Exam
- Oral Comprehensive Exam
Pharmacy

Website: College of Pharmacy and Nutrition

The Division of Pharmacy, College of Pharmacy and Nutrition offers graduate studies in the areas of pharmaceutics/drug and vaccine delivery, medicinal/pharmaceutical chemistry, bio- and nanotechnology, molecular biology, pharmacokinetics, clinical pharmacy, pharmacy education, practice research, pharmaco economics and pharmacoepidemiology and toxicology, and also participates in the Interdisciplinary Toxicology and Interdisciplinary Public Health graduate programs. Please see the College website for details on research programs of Pharmacy Faculty. The College of Pharmacy and Nutrition is focusing research activities in areas that are highly relevant to improving health and quality of life in pharmaceutical and nutraceutical sciences, neurosciences, primary/ambulatory care and nutritional, lifestyle, and community research. Collaborative graduate opportunities exist with other health science, biomedical science and natural science departments, the school of Public Health, health regions and related agencies (Pharmalytics Inc. and PharmaDerm Laboratories, Ltd.). The Canadian Light Source synchrotron provides additional opportunities for discovery in pharmaceuticals and biotechnology and the College has an Exchange and Collaboration Agreement with Meiji Pharmaceutical University in Japan.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in PHAR 994.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units
- course in statistics or biostatistics unless determined statistics background is sufficient
- PHAR 990.0
- PHAR 994.0
- M.Sc. thesis defence

Doctor of Philosophy (Ph.D.)
Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in PHAR 996.0 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 6 credit units
- PHAR 990.0
- PHAR 996.0
- Thesis defence
- Qualifying exam
- Comprehensive exam

Transfer from Master’s to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 15 credit units
- PHAR 990.0
- PHAR 996.0
- Thesis defence
- Qualifying exam
- Comprehensive exam
Philosophy

Website: Department of Philosophy

The University has designated Indigenous Studies (especially Aboriginal justice and Indigenous knowledge) as areas for promotion. The Department of Philosophy supports these initiatives and welcomes applicants wishing to pursue thesis research that applies the conceptual frameworks and methods of various areas of philosophy to the study of issues pertaining to Indigenous Studies.

Program Requirements

Master of Arts (M.A.) - Course-based

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in a credit course or tuition-bearing maintenance of status.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units
- PHIL 990.0

Master of Arts (M.A.) - Thesis

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information
and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in PHIL 994.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units
- PHIL 990.0
- PHIL 994.0
Physical Therapy

Website: School of Physical Therapy

The Master of Physical Therapy at the University of Saskatchewan is a full-time program over two years and six-weeks, and consists of ten modules that include academic course work, 30 weeks of clinical practicum experiences and a supervised research project. The program has been designed to offer students a high quality educational experience that is consistent with national accreditation standards. Students will graduate with the entry-level requirements to obtain a license to practice physical therapy in Saskatchewan and Canada. Initial work expectations of graduates will be, primarily, the provision of direct client care, rather than advanced research and/or administration.

Read more

Attendance

Students are required to regularly attend all lectures and laboratory periods. Failure to meet these expectations may result in a student being Required to Discontinue the program.

License to Practice

Students are reminded that a Master of Physical Therapy degree does not confer the right to practice physical therapy. The license to practice physical therapy is granted by the licensing body of the province in which one intends to practice.

The national licensing examination is conducted by an external organization, the Canadian Alliance of Physiotherapy Regulators. The licensing examination is available to physical therapy students graduating from Canadian universities. In most provinces, successful completion of this examination is required to meet licensing requirements.

Standards of Academic Performance

- Academic Standards
  - The grade required to pass a graduate course is 60%.
  - A cumulative weighted average of 70% is required to meet graduation requirements.

- Monitoring Academic Progress
  - Academic progress will be monitored by the student’s advisor and by the Director of the School of Physical Therapy. Progress in Clinical Practice courses will be monitored by the Academic Coordinator Clinical Education and results reported to the student’s advisor and to the Director of the School of Physical Therapy.
  - If at any time progress is unsatisfactory, the Director will report to the School of Physical Therapy Academic Affairs Committee who will consider and recommend appropriate consequences.
  - The Dean of the College of Graduate Studies and Research will be notified and consulted in determining the consequences of unsatisfactory progress.

- Promotion and Graduation
  - Faculty Council of the School of Physical Therapy will review recommendations from the School of Physical Therapy Academic Affairs Committee and make recommendations to the College of Graduate Studies and Research regarding promotion and graduation.
Promotion Points

- End of Module II
- End of Module VIII
- End of Module X

Unsatisfactory Performance

- If at any time, progress in any course(s) or the program overall is unsatisfactory, the Director will report to the School of Physical Therapy Academic Affairs Committee. The options which could be invoked include any of the following (singly or in combination): supplemental examination, a remedial course, delay Clinical Education Placement or Course, requirement to discontinue.

- Before proceeding with any of the above options, appropriate notification and approval from the Dean of Graduate Studies and Research will be provided/obtained as needed.

- As the M.P.T. program schedule may not allow sufficient time to prepare for a supplemental exam or take a remedial course, delays and disruptions to the normal timeline for completion of the M.P.T. may be required.

- Remediation – Any remediation will be considered within the context of the student's entire program. It may be necessary to delay a clinical practicum or the start of a subsequent Module if the student has not successfully passed all components of the previous Module. Remediation decisions will be made by the School of Physical Therapy Academic Affairs Committee in consultation with individual faculty members teaching the course(s).

Standards of Academic Performance - Clinical Education

- The requirements of the five clinical practice courses must be successfully completed in the correct sequence: PTH 850.1, PTH 852.4, PTH 854.4, PTH 856.15, PTH 858.6. Since the program schedule does not normally allow time for extending clinical courses time, repeating clinic courses or undertaking significant remedial work, if such actions are required, the time normally allocated for PTH 852.4 will firstly be used for completing a deficiency in PTH 850.1. Any remaining time required for PTH 852.4 will be completed in the time allocated for PTH 854.4. Any remaining clinical time consequently remaining for PTH 854.4 will be completed in the time allocated for PTH 856.15. Any remaining clinical practice time required for PTH 856.15 will be completed in the time allocated for PTH 858.6. Any remaining clinical time required for PTH 858.6 will be completed following the completion of all other course requirements in the MPT.

- The grading of the clinical practice courses, PTH 850.1, PTH 852.4, PTH 854.4, PTH 856.15, and PTH 858.6 will be Pass or Fail as determined by the application of the School of Physical Therapy standardized Pass/Fail clinical practice courses grading criteria for the final evaluation, the American Physical Therapy Association – Clinical Performance Instrument (APTA-CPI), which is completed at the end of each clinical practice course and each clinical placement.

- A student who receives a grade of Fail in any one of the following clinical courses, PTH 850.1, PTH 852.4, PTH 854.4 or PTH 858.6 will usually, at a minimum, be required to repeat the failed clinical course and this will be considered a 'remedial' clinical course.

- A student will usually be required to complete a minimum of one complete repeat clinical placement of remedial work if, in PTH 856.15, a grade of Fail is received in any one clinical placement.

- A student will usually be required to repeat, at a minimum, a complete course in PTH 856.15, if one of the following circumstances applies:
  - failure in two clinical placements, or
  - failure in a placement after a period of specified remedial work and/or remedial clinical placement.

- A student who receives a failure in two clinical placements will usually be recommended to be Required to Discontinue the MPT program.

- Under normal circumstances, a student who receives a grade of Fail in a subsequent clinical course or placement of PTH 852.4, PTH 854.4, PTH 856.15, and PTH 858.6, after having failed a previous clinical course or placement, or after having passed a previous remediation clinical course or placement, will be Required to Discontinue the MPT program for either a specified period or without option of re-entry. A student who receives a Fail in two clinical placements in PTH 856.15, after receiving a Fail in a previous clinical course or placement, will usually be Required to Discontinue from the MPT program.
Courses

School of Physical Therapy courses for the M.P.T. are listed in the Course Descriptions section of the Course & Program Catalogue under Physical Therapy (PTH).

Students who have not been accepted into the School of Physical Therapy require approval from the course instructor to register in any PTH courses.

Program Requirements

Master of Physical Therapy (M.P.T.)

Total minimum credit units required: 138 which includes completion of a major project and participation in research symposium.

Admission

Meeting the admission qualifications does not guarantee admission to the M.P.T. program.

Applicants to the School of Physical Therapy must satisfy the following residency qualifications:

1. Applicants applying through the Education Equity Program for Aboriginal students must be Canadian citizens. Proof of aboriginal ancestry is required.
2. Other applicants must be Canadian citizens or landed immigrants, and be residents of the Province of Saskatchewan or of the Yukon, Northwest or Nunavut Territories. For information regarding residency requirements, please visit the School of Physical Therapy website or contact the Academic Program Assistant.

The deadline for receipt of applications and all supporting documents is December 15. Students must first complete the online MPT application form available on the School of Physical Therapy website to ensure that they meet residency and admission requirements before applying through the College of Graduate Studies and Research. Students from any universities other than the University of Saskatchewan must arrange to have their transcripts forwarded directly to the School. Two copies of an official transcript of final marks for second term courses, which will confirm the awarding of the baccalaureate degree, must be received by May 31 in the year in which application is being made.

Any applicant who may require disability accommodations for the admissions process should be registered with Disability Student Services and all requested accommodations must be received by the deadline for application (December 15).

Selection for admission is based upon academic performance (i.e. admission average) and interview performance. The minimum admission average that will be accepted is 70%. The admission average is a weighted average calculated using a minimum of 60 credit units. The most recent credit units at the time of application are used. For the purpose of calculating the admission average, all courses in a given term will be used. Applicants are ranked according to the admission average and the top 96 applicants are granted interviews. When computing applicants’ total admission scores, the admission average is weighted 60% and the interview score is weighted 40%.

Admissions interviews are scheduled on one weekend day in early to mid March. The admission interview, which is structured in nature, will evaluate interpersonal and communication skills, self evaluation, critical thinking skills, ethical decision making, and general knowledge of health care.

Any appeal related to admission status should be forwarded, in writing, to the School of Physical Therapy Admissions Committee. Grounds for appeal of an admission decision are limited to (1) unit procedural errors, or (2) evidence that information used in the decision process was wrong or incomplete. Failure by the applicant to provide accurate and complete information is not grounds for...
Applicants admitted to first year of the Physical Therapy program are required to obtain Cardiopulmonary Resuscitation (C.P.R.) prior to the start of classes in August unless they have obtained such certification within the previous twelve months. The Heart and Stroke Foundation of Canada’s Basic Life Support Health Care Providers (C) designation, or equivalent certification, is required. Students must present evidence of successful completion, and the date of certification of the C.P.R. requirements. This certification must be updated annually.

Students enrolled in the School of Physical Therapy must provide evidence of the required immunization status on entry into the program. It is the student's responsibility to maintain a current immunization status according to the guidelines and requirements of the School of Physical Therapy.

The Master of Physical Therapy program requires that the students spend time in clinical facilities within the first week of the program. It is imperative that the immunization be up-to-date and that immunization records be filled out and submitted on the first day of classes. Students may be required to obtain additional immunizations, during the student's time in the M.P.T. program, consistent with specific requirements of individual clinical facilities and/or health regions where the student is assigned for a clinical placement. Additional vaccination requirements may include seasonal flu immunization. Students must also be Respirator Fit Mask tested while in the program.

Students are now commonly required to complete a specific police/criminal record check and vulnerable sector check, before being accepted for clinical placements in many clinical facilities.

Additional common requirements as preparation for many clinical placements include: additional health, disability and dismemberment insurance, and signed confidentiality agreements.

**Education Equity Program**

The purpose of this program is to encourage enrolment by applicants of Aboriginal ancestry. The program is open to all Canadian citizens regardless of Saskatchewan residency status.

Each year, five positions for admission to the School of Physical Therapy are designated for applicants of Aboriginal ancestry who meet admission requirements. To be considered for the Education Equity Program for Aboriginal students, applicants of First Nations, Metis or Inuit ancestry must indicate this status when completing the School of Physical Therapy application. Self identification of Aboriginal ancestry does not exclude applicants from being considered in the general applicant pool.

**Essential Skills and Abilities Required for the Study of Physical Therapy**

To be successful in this intensive program, students must be in good physical and mental health. Any applicant with concerns regarding the essential skills and abilities required should consult with the Director to discuss the physical and cognitive demands required to successfully complete the program and accommodations that are available to students with disabilities.

**Admission Requirements**

- must meet Saskatchewan residency requirements unless applying under the Education Equity Program (see above)
- four year baccalaureate degree (in any discipline) from a college or university of acceptable standing
- Human Physiology (6 credit units) – PHPY 302.3 and one of PHPY 301.3, PHPY 303.3, or HSC 350.3 or equivalent.
- Statistics (3 credit units) – STAT 245.3 or PLSC 214.3 or equivalent
- Basic Human Anatomy (3 credit units) – ACB 310.3 or equivalent
- Minimum 70% average normally calculated using the most recent minimum 60 credit units of university course work
- Qualified applicants will be ranked according to academic standing in the most recent minimum 60 credit units and 96 will be
granted an interview.

- Applicants should check the list of Approved Prerequisite Courses for the MPT available on the School of Physical Therapy website. If course equivalencies are not listed, applicants must seek and receive approval for equivalent pre-requisite courses from the Admissions Committee. For further information, students should consult the Academic Program Assistant at the School of Physical Therapy. Applicants should supplement in-person or telephone admission enquiries with written/email enquiries. Only written/email responses to enquiries will be accepted as evidence of the official advice given by the School of Physical Therapy.

- Students should check the School of Physical Therapy web site regularly for updates to the Admissions process.

**Module I (16 weeks)**

Eight courses (21 credit units) concentrating on acquiring foundational knowledge and skills. Includes a one week clinical education experience.

**Degree Requirements**

- PTH 808.3
- PTH 815.4 (multi-term)
- PTH 822.5
- PTH 840.3
- PTH 850.1
- PTH 851.1
- PTH 860.2
- PTH 861.2
- PTH 992.6 (multi-term)
- GSR 960.0
- GSR 961.0

**Module II (13 weeks)**

Seven courses (18 credit units) building on foundational knowledge and skills relevant to physical therapy with emphasis on movement science.

**Degree Requirements**

- PTH 805.3
- PTH 815.4 (continued)
- PTH 820.3
- PTH 823.3
- PTH 825.3
- PTH 853.1
- PTH 863.5
- PTH 992.6 (continued)

**Module III (4 weeks)**

One clinical education course, PTH 852.4 (4 credit units) consisting of practical experience in a provincial health care facility.

**Degree Requirements**
Module IV (9 weeks)

Four courses (18 credit units) emphasizing evidence based assessment and management of musculoskeletal, neurological and cardiorespiratory conditions.

Degree Requirements

- PTH 830.7
- PTH 831.3
- PTH 845.6
- PTH 862.2
- PTH 992.6 (continued)

Module V (6 weeks)

Four courses (14 credit units) building on physical therapy knowledge and skills required for assessment and management of clinical conditions.

Degree Requirements

- PTH 832.3
- PTH 833.3
- PTH 847.6
- PTH 865.2
- PTH 992.6 (continued)

Module VI (4 weeks)

One clinical education course, PTH 854.4 (4 credit unit) consisting of practical experience in a Canadian health care facility.

Degree Requirements

- PTH 854.4
- PTH 992.6 (continued)

Module VII (6 weeks)

Four courses (13 credit units) extending foundational knowledge and skills in physical therapy interventions.

Degree Requirements

- PTH 829.3
- PTH 834.4
- PTH 839.4
- PTH 841.2
- PTH 992.6 (continued)
Module VIII (15 weeks)

One clinical education course, PTH 856.15 (15 credit units) consisting of three 5-week practicums in Canadian health care facilities.

Degree Requirements

- PTH 856.15
- PTH 992.6 (continued)

Module IX (12 weeks)

Six courses (19 credit units) dealing with advanced topics in professional practice, evidence based practice and management of clinical conditions.

Degree Requirements

- PTH 835.2
- PTH 838.5
- PTH 848.2
- PTH 855.1
- PTH 864.3
- PTH 867.6
- PTH 992.6 (continued)

Module X (6 weeks)

One clinical education course, PTH 858.6 (6 credit units) in a health care facility emphasizing increasing independence with complex clinical caseloads.

Degree Requirements

- PTH 858.6

Major Project

Degree Requirements

PTH 992.6 (6 credit units) involving a supervised group experience completed over M.P.T. degree program, ending with a research symposium.

Residency Requirements

Residency is expected for the duration of the graduate program.
Physics & Engineering Physics

Website: Department of Physics & Engineering Physics

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units
- PHYS 990.0
- PHYS 994.0
- thesis defence

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master’s thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - PHYS 812.3 or PHYS 873.3 or PHYS 886.3
  - PHYS 990.0
  - PHYS 996.0
- comprehensive exam
- thesis defence

**Doctor of Philosophy (Ph.D.) - Non-Direct Entry**

**Admission Requirements**

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 9 credit units, including:
  - PHYS 812.3 or PHYS 873.3 or PHYS 886.3
  - PHYS 990.0
  - PHYS 996.0
- thesis defence
- comprehensive exam
- qualifying exam

**Transfer from Master's to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - PHYS 990.0
  - PHYS 996.0
  - PHYS 812.3 or PHYS 873.3 or PHYS 886.3
- thesis defence
- comprehensive exam
- qualifying exam
Physiology

Website: College of Medicine - Department of Physiology

Research opportunities are available in the following areas: comparative respiratory and cardiovascular physiology; neurophysiology (electrophysiology, cellular imaging in neurons and glial cells, in vitro and in vivo studies of cerebral ischemia); vascular function, ion channels and endogenous gases; calcium channels and neuroendocrine secretion; hemoxygenase system and cardiovascular pathology. Opportunities are also available for collaborative training with faculty in clinical departments of the College of Medicine.

Program Requirements

Master of Science (M.Sc)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e., 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units at the 800-level
- PHSI 990.0
- PHSI 994.0

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e., 60 credit units)
Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in PHSI 996.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 9 credit units at the 800-level
- PHSI 990.0
- PHSI 996.0
- qualifying exam
- comprehensive exam
- thesis defence

Doctor of Philosophy (Ph.D.) - Non-Direct Entry

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- PHSI 990.0
- PHSI 996.0

Transfer from Master's to Ph.D.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 9 credit units at the 800-level, including relevant credit units taken before transfer
- PHSI 990.0
- PHSI 996.0
- Qualifying examination prior to transfer from M.Sc. to Ph.D.
- Ph.D. Comprehensive Exam
Plant Sciences

Website: Plant Sciences

These programs provide training in all aspects of Plant Science including agronomy, biodiversity, biotechnology, crop quality, horticulture, plant breeding, plant ecology, plant pathology, plant physiology, and weed science. Many members of non-university institutions on campus, including Agriculture and Agri-Food Canada and the Plant Biotechnology Institute/NRC are Adjunct Professors. Graduate students may also carry out their thesis research in these institutions.

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 9 credit units at the 800-level
- PLSC 990.0
- PLSC 994.0
- qualifying examination
- thesis examination

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for
applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- **GSR 960.0**
- **GSR 961.0** if research involves human subjects
- **GSR 962.0** if research involves animal subjects
- a minimum 6 credit units
- **PLSC 990.0**
- **PLSC 996.0**
- oral comprehensive examination
- thesis examination
- qualifying examination

**Transfer from Master's to Ph.D.**

**Degree Requirements**

- **GSR 960.0**
- **GSR 961.0** if research involves human subjects
- **GSR 962.0** if research involves animal subjects
- a minimum of 15 credit units
- **PLSC 990.0**
- **PLSC 996.0**
- comprehensive examination
- thesis defence
Political Studies

Website: Department of Political Studies

Program Requirements

Master of Arts (M.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course. Course offerings will vary from year to year, depending upon student demand and faculty availability.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 12 credit units including:
  - POLS 815.3
  - POLS 819.3
  - Six additional credit units, as chosen with the approval of the Advisory Committee.
  - POLS 990.0
  - POLS 994.0

http://www.usask.ca/programs/colleges-schools/grad-studies/programs/political-studies.php
Psychology

Website: Department of Psychology

Program Requirements

Master of Arts (M.A.) Psychology - Applied Social Stream

The M.A. in Applied Social Psychology trains students to conduct basic and applied social psychological research. Specifically, the program offers training in social psychological theory, research design and methodology, statistics, program evaluation, along with many independent research opportunities. Unique to this program is the emphasis placed on students obtaining research-based experience through diverse practicum and internship placements. Faculty interests are currently: acculturation, body image, criminal justice, diversity, gay and lesbian issues, immigration, intergroup relations, prejudice, reproductive health/mental health, sexuality, and stereotyping.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- Graduate Record Examination (GRE) Scores (General and Subject)

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 21 credit units, including:
  - PSY 805.3
  - PSY 807.3
  - PSY 810.3
  - PSY 811.3
  - PSY 832.3
  - PSY 862.3
  - PSY 900.0 (Research Seminar)
  - PSY 902.0 (Practicum)
  - PSY 903.0 (Internship)
  - PSY 994.0 (Thesis)
Doctor of Philosophy (Ph.D.) Psychology - Applied Social Stream

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum 15 credit units, including:
  - PSY 864.3
  - PSY 865.3
  - 9 credit units Advanced Seminar/Elective
  - PSY 900.0 (Research Seminar)
  - PSY 902.0 (Practicum)
  - PSY 903.0 (Internship)
  - One of PSY 902.0 Practicum or PSY 901.0 (Individual Research)
  - PSY 996.0 (Dissertation)
- Comprehensive Examination

Master of Arts (M.A.) Psychology - Cognition and Neuroscience

The M.A. is not normally awarded. Students enroll in M.A. for one year and then transfer to Ph.D

Admission Requirements

- A four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
Doctor of Philosophy (Ph.D.) Psychology - Cognition and Neuroscience

The Cognition and Neuroscience Graduate Program is designed for students who wish to focus primarily on basic research and theoretical issues. Our objective is to train highly-qualified scientists for basic psychological research in university, hospital, community, industry, or government settings. CGNS offers two areas of specialization: Behavioural Neuroscience and Cognitive Science.

Admission Requirements

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 6 credit units, including:
  - PSY 996.0
  - PSY 805.3 or PSY 807.3
  - 3 credit units chose in consultation with the Department of Psychology
  - PSY 900.0 (×3)
- Comprehensive exams

Transfer from Master's to Ph.D. - Cognition and Neuroscience

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 21 credit units at the 800-level including:
  - PSY 805.3 or PSY 807.3
- 18 credit units chosen in consultation with the Advisory Committee
  - PSY 900.0 (x3)
  - PSY 996.0
- comprehensive exam
- thesis defence

Master of Arts (M.A.) Psychology - Clinical Stream

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- GRE General and Subject

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units of course work, including:
  - PSY 805.3
  - PSY 807.3 or PSY 809.3
  - PSY 811.3
  - PSY 815.6
  - PSY 830.3
  - PSY 831.3
  - PSY 850.3
  - PSY 858.3
  - A minimum of 3 credit units of restricted electives as approved by the Director of Clinical Psychology Training.
  - PSY 900.0
  - PSY 902.0
  - PSY 903.0
  - PSY 994.0

Doctor of Philosophy (Ph.D.) Psychology - Clinical Stream

The Doctoral Program in Clinical Psychology is accredited by both the Canadian Psychological Association and the American Psychological Association. It follows a scientist-practitioner model, blending scholarly research with professional skill training. The program trains clinical psychologists for employment in academic, research, clinical, community, and private practice settings.
Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Normally, a minimum of 15 credit units, including:
  - PSY 816.3
  - PSY 860.3
  - PSY 852.3 or PSY 853.3
  - PSY 822.3
  - A minimum of 3 credit units of restricted electives as approved by the Director of Clinical Psychology Training.
    - PSY 900.0
    - PSY 902.0
    - PSY 903.0
    - PSY 904.0
    - PSY 996.0
- Comprehensive examination
- Important: Students entering the program without an M.A. in Clinical Psychology from the University of Saskatchewan (or equivalent degree) may be required to complete an additional 30 credit units in order to obtain the Ph.D. in Clinical Psychology, including PSY 805.3, PSY 807.3 or PSY 809.3, PSY 811.3, PSY 815.6, PSY 830.3, PSY 831.3, PSY 850.3, PSY 858.3, and 3 credit units of graduate foundational courses in each of biological, cognitive, and social/cultural foundations of behavior (with the possibility of an exemption for at most two of those three areas, upon successful demonstration of successful completion of 6 credits in each exempted area at the senior undergraduate level).

Transfer from Master’s to Ph.D. - Clinical Stream

Normally, students transfer from the M.A. after their first year in the graduate program and then maintain continuous registration in PSY 996.0 until all requirements for the Ph.D. are met.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 45 credit units of course work, including:
  - PSY 822.3
PSY 805.3
PSY 807.3 or PSY 809.3
PSY 811.3
PSY 815.6
PSY 816.3
PSY 830.3
PSY 831.3
PSY 850.3
PSY 852.3 or PSY 853.3
PSY 858.3
PSY 860.3

- A minimum of 6 credit units of approved electives
  - PSY 900.0
  - PSY 902.0
  - PSY 903.0
  - PSY 996.0
- comprehensive examinations

Master of Arts (M.A.) Psychology - Culture and Human Development Stream

The program is designed for students interested in the intersection of culture and human development across the lifespan, and promotes interdisciplinarity and mixed methods within a Psychology framework. Students can undertake research work locally, regionally, nationally, and internationally.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements (12 credit units)

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- one of:
  - ANTH 802.3;
  - EPSE 843.3;
  - ERES 840.3;
  - ERES 841.3;
  - ERES 845.3;
PSY 805.3;  
PSY 809.3;  
PSY 810.3;  
NURS 893.3;  
• or another quantitative/qualitative research methods course, as approved by the department
  
- electives (9 credit units)  
- PSY 900.0  
- PSY 994.0  
- comprehensive exam  
- thesis defence

**Doctor of Philosophy (Ph.D.) Psychology - Culture and Human Development Stream**

The Culture and Human development program offers a Ph.D program. The program is designed for students interested in the intersection of culture and human development across the lifespan, and promotes interdisciplinarity and mixed methods within a Psychology framework. Students can undertake research work locally, regionally, nationally, and internationally.

**Admission Requirements**

- Master's degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course

- GSR 960.0  
- GSR 961.0 if research involves human subjects  
- GSR 962.0 if research involves animal subjects  
- a minimum of 6 credit units  
- PSY 900.0  
- PSY 996.0  
- comprehensive exams

**Transfer from Master's to Ph.D. - Culture and Human Development Stream**

The Culture and Human Development program offers an M.A./Ph.D. transfer program. The program is designed for students interested in the intersection of culture and human development across the life span, and promotes interdisciplinarity and mixed methods within a Psychology framework. Students can undertake research work locally, regionally, nationally, and internationally.

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0  
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- PSY 803.3
- one of the following:
  - EPSE 843.3
  - ERES 840.3
  - ERES 841.3
  - PSY 805.3
  - PSY 810.3
  - or another qualitative methods course, as approved by the department
- one of the following:
  - ANTH 802.3
  - ERES 845.3
  - NURS 893.3
  - PSY 809.3
  - or another quantitative research methods course, as approved by the department
- electives (12 credit units)
- PSY 900.0
- PSY 994.0/PSY 996.0
- qualifying exam (completed within the first two years of a student's program, and before transferring to the Ph.D. program)
- comprehensive exam
- thesis defence
Public Administration

Website: Master of Public Administration

Read more

The Master of Public Administration is the flagship professional program of the Johnson-Shoyama Graduate School of Public Policy, western Canada's newest School of Public Policy. Created by pooling resources from the University of Saskatchewan and the University of Regina, the School builds on the reputation and experience developed in a province renowned for innovation and service in public policy and administration.

The M.P.A. is an exciting program designed to prepare students for careers in policy work in such diverse areas as NGOs, industry associations and, of course, the public service. Students in the program will be exposed to core concepts in policy formation and analysis; they will also have the opportunity to explore areas such as health and social policy; science, technology and innovation; and trade and transnational regulation.

Program Requirements

Master of Public Administration (M.P.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Course Option - Degree Requirements

Students require a minimum passing grade of 70% in all courses used toward the M.P.A.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects

- JSGS 990.0
- a minimum 30 credit units, including:
  - JSGS 801.3
  - JSGS 802.3
  - JSGS 805.3
  - JSGS 806.3
  - JSGS 807.3
one of the following:
- JSGS 808.3
- JSGS 815.3
- JSGS 838.3
- JSGS 898.3
- JSGS 836.3 (University of Regina)
- JSGS 831.3

one of the following:
- JSGS 816.3
- JSGS 817.3
- JSGS 818.3
- JSGS 819.3
- JSGS 822.3
- JSGS 840.3
- JSGS 849.3
- JSGS 854.3
- JSGS 859.3
- JSGS 863.3
- JSGS 864.3
- JSGS 868.3
- JSGS 872.3
- JSGS 875.3

A minimum 9 credit units electives. Elective courses taken outside of JSGS course offerings require approval of the Graduate Chair.

Project Option - Degree Requirements

Students require a minimum passing grade of 70% in all courses used toward the M.P.A.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 30 credit units, including:
  - JSGS 992.6
  - JSGS 990.0
  - JSGS 801.3
  - JSGS 802.3
  - JSGS 805.3
  - JSGS 806.3
  - JSGS 807.3
  - A minimum 9 credit units of electives. Elective courses taken outside of JSGS course offerings require approval of the Graduate Chair.
Public Health

Website: School of Public Health

The Master of Public Health (M.P.H.) program is an interdisciplinary program of studies intended to prepare individuals for professional practice and leadership in public health. This 45 credit-unit course-based program, with a required 12 week practicum in an applied public health setting, is normally taken over 16-24 months on a full-time basis, or longer part-time. An online option is also available; please contact the School of Public Health for more information and availability. Three areas of concentration are offered: Applied Population and Public Health, Rural Public Health, and Veterinary Public Health.

Program Requirements

Master of Public Health (M.P.H.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

The minimum passing grade for all MPH core classes (see below) is 70% for all MPH students.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 45 credit units, including the following core classes:
  - PUBH 800.3
  - PUBH 805.3
  - PUBH 867.3
  - PUBH 803.3
  - PUBH 804.3
  - PUBH 807.3
  - PUBH 810.3
  - PUBH 840.3
  - PUBH 992.6
  - PUBH 990.0
- 15 credit units of elective courses
Public Policy

Website: School of Public Policy

Program Requirements

Master of Public Policy (M.P.P.)

The Master of Public Policy (M.P.P.) program is a Master's-level research program at the Johnson-Shoyama Graduate School of Public Policy. The M.P.P. offers learning and research opportunities for highly qualified students who will advance knowledge and move the study of public policy forward. The M.P.P. is a research program - students graduating from this program will possess the research skills necessary to play integral roles in the civil service, research organizations, and industry associations. Top students from this program will also go on to doctoral programs in public policy. Students may complete the program on a full-time basis in approximately two years. The program involves a combination of course work, research, and the writing of a thesis. Each student will have a research advisor and an advisory committee. The School's faculty have significant research background and interest in three research areas: health and social policy; science, technology, and innovation; and trade and transnational regulation. This provides opportunities for research students to explore topics in areas such as higher education, health, aboriginal people, the social economy, international trade agreements, innovation and science policy, and regulation and rural and remote areas. For more information, please visit the School of Public Policy.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

All courses taken by students in this program have a minimum passing grade of 70%. Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum 15 credit units, including
  - a minimum of 3 credit units from the following:
    - JSGS 805.3
    - JSGS 862.3
    - JSGS 865.3
  - a minimum of 3 credit units from the following:
Doctor of Philosophy (Ph.D.)

The Ph.D. is a doctoral-level research program designed to offer learning and research opportunities for highly qualified students who will advance knowledge and move the study of public policy forward. Students graduating from this program will be in a position to train the next generation of public service professionals and to conduct public policy and management research for government, business, think tanks, and other research organizations. Students completing the program on a full-time basis can expect to receive financial support and to complete the program in approximately three years. The program involves a combination of course work (culminating in a comprehensive exam) and proposing, writing, and defending a dissertation. The School's faculty have significant research background and interest in three research areas: health and social policy; science, technology, and innovation; and trade and transnational regulation. This provides opportunities for research students to explore topics in areas such as higher education, health, aboriginal people, the social economy, international trade agreements, innovation and science policy, and regulation and rural and remote areas. For more information, please visit School of Public Policy.

Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information
- A prepared and submitted research program, outlining research to be pursued in the area of public policy. The research program requires a well-defined problem statement, a review of appropriate literature, an initial methodology, and a statement indicating the significance and relevance of such a research program. This research program is expected to be guiding, but not binding, to students admitted to the program.

Degree Requirements

All courses taken by students in this program have a minimum passing average grade of 70%. Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
a minimum of 9 credit units of core courses, including:
- JSGS 851.3
- JSGS 803.3
- JSGS 865.3
- JSGS 990.0
- JSGS 996.0

Students may take additional courses in a particular subject area if they so wish. The decision to take additional courses over and above that required in the core rests with student's advisory committee.

- qualifying examination
- comprehensive examination
- thesis defence

Transfer from Master's to Ph.D.

Degree Requirements

All courses taken by students in this program have a minimum passing average grade of 70%.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 24 credit units at the 800-level, including:
  - JSGS 851.3
  - JSGS 803.3
  - JSGS 865.3
  - JSGS 806.3 or JSGS 867.3
  - JSGS 817.3, JSGS 849.3, JSGS 854.3, JSGS 859.3 OR JSGS 864.3
  - JSGS 990.0
  - JSGS 996.0

- comprehensive exam
- thesis defence
Religion & Culture

Website: Department of Religion and Culture

Program Requirements

Master of Arts (M.A.)

Students will normally take two years to complete this program. Program requirements will include a minimum of 15 credit units as specified below, followed by an M.A. thesis based on original research. The means by which students will meet the Department's second language requirement will also be decided at the time of admission into the program.

The University of Saskatchewan M.A. in Religion and Culture program is open to all students with a B.A.(Hon) or its equivalent in a broad program involving significant critical exposure to religious traditions of the East and the West along with some familiarity with the methodological and thematic issues involved in academic study of religion. Students with a degree in a cognate subject with a limited background in the discipline may be admitted as probationary students with the requirement to do some supplemental work.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- RLST 990.0
- RLST 994.0
- a minimum of 15 credit units of course work including:
  - at least 9 credit units of Religion and Culture in Eastern or Western Religious Traditions chosen in consultation with the advisory committee from the list below.
  - at least 6 credit units of electives determined in consultation with the advisory committee
- second language requirement
- oral thesis defence

Restricted Electives in Eastern and Western Religious Traditions:

- RLST 801.3
- RLST 802.3
- RLST 803.3
- RLST 804.3
- RLST 805.3
- RLST 821.3
- RLST 822.3
- RLST 823.3
- RLST 824.3
- RLST 825.3
- RLST 898.3
- RLST 899.6
Small Animal Clinical Sciences

Website: Small Animal Clinical Sciences

Program Requirements

Master of Veterinary Science (M.Vet.Sc.) - Small Animal Clinical Sciences

Admission Requirements

- D.V.M. from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain registration in VSAC 992

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 30 credit units
- VSAC 992.0
- VSAC 990.0

Master of Science (M.Sc.) - Small Animal Clinical Sciences

Admission Requirements

- D.V.M. from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements
Students must maintain registration in VSAC 994.0

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units of graduate level course work
- VSAC 994.0

Doctor of Philosophy (Ph.D.) - Small Animal Clinical Sciences

Admission Requirements

- A Master of Science (M.Sc.), or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in VSAC 996.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 6 credit units of graduate level work beyond the M.Sc. requirements
- VSAC 990.0
- VSAC 996.0

Transfer from Master’s to Ph.D.

Students must maintain continuous registration in the 996 course.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 21 credit units at the 800-level
- VSAC 990.0
- VSAC 996.0
- comprehensive exam
- thesis defence
Sociology

Website: Department of Sociology

The Department of Sociology provides research opportunities in the following fields:

- Sociology of Agriculture and Development
- Criminology, Law, and the State
- Sociology of Health and Health Care
- Sociology of Education and Learning
- Sociology of Race and Ethnic Relations (including immigration studies and Aboriginal Studies)
- Science, Technology, and Society

Program Requirements

Master of Arts (M.A.) - Project-Based

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- 30 credit units including:
  - SOC 840.6
  - SOC 841.6
  - SOC 992.0
  - 18 credit units of electives

Master of Arts (M.A.) - Thesis-Based

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the
proposed field of study
● a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
● Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

● GSR 960.0
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● 18 credit units, including:
  o SOC 840.6
  o SOC 841.6
  o SOC 990.0
  o SOC 994.0
  o a minimum of 6 other credit units of electives
● oral thesis defense

Doctor of Philosophy (Ph.D.)

The purpose of the Ph.D. program is to train students as scholars and specialists in the field of Sociology. In addition to mastering a broad knowledge of Sociology, Ph.D. students should acquire expertise in particular areas of research. In the first two years of the program, students are expected to complete the course requirements, develop a proposal for dissertation research, and to sit for the comprehensive examination. The last years of the program are devoted to original research by the student under the guidance of the supervisor and the Advisory Committee. Students who graduate from the program must develop an intellectual maturity that is demonstrated in the ability to conduct independent research that results in a defensible doctoral thesis that meets the approval of the Examining Committee.

Admission Requirements

● Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
● a cumulative weighted average of at least a 75% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
● Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

● GSR 960.0
● GSR 961.0 if research involves human subjects
● GSR 962.0 if research involves animal subjects
● a minimum 9 credit units, including:
- at least one of SOC 890.3 and SOC 891.3
- a minimum 3 credit units of electives, chosen in consultation with the Advisory Committee
- SOC 840.6 and SOC 841.6. If a student has already taken SOC 840.6 and SOC 841.6 or equivalent as part of a Masters degree, then that student must take 3 additional credit units of electives instead.
- SOC 990.0
- SOC 996.0
- qualifying examination
- comprehensive examination
- thesis defence

Transfer from Master's to Ph.D.

The purpose of the Ph.D. program is to train students as scholars and specialists in the field of Sociology. In addition to mastering a broad knowledge of Sociology, Ph.D. students should acquire expertise in particular areas of research. In the first two years of the program, students are expected to complete the course requirements, develop a proposal for dissertation research, and to sit for the comprehensive examination. The last years of the program are devoted to original research by the student under the guidance of the supervisor and the Advisory Committee. Students who graduate from the program must develop an intellectual maturity that is demonstrated in the ability to conduct independent research that results in a defensible doctoral thesis that meets the approval of the Examining Committee.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 27 credit units, including:
  - SOC 840.6
  - SOC 841.6
  - SOC 890.3 or SOC 891.3
  - SOC 990.0
  - SOC 996.0
- oral thesis defense
- comprehensive examination
Soil Science

Website: Department of Soil Science

The Department of Soil Science, established in 1919, is a major centre of superior teaching and research both within Canada and internationally. The department places a strong emphasis on teaching, research, extension and service programs that address soil science and environmental issues at the provincial, national and international levels. The faculty, which includes adjunct professors from other departments, schools, and research and government institutions (e.g., Agriculture & Agri-Food Canada, Environment Canada and Natural Resources Canada), has particular strengths in applied pedology, agronomy & agroforestry, environmental soil chemistry & ecotoxicology, soil reclamation & remediation, and climate change adaptation & mitigation.

The department provides core expertise in soil and environmental sciences and offers programs leading to both M.Sc. and Ph.D. degrees. Joint graduate research programs can be arranged with other colleges within the university, with other Canadian universities, and with government agencies (both in Saskatchewan and across the country).

Program Requirements

Postgraduate Diploma (P.G.D.)

This program is not currently admitting new students.

Admission Requirements

- A four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units, including SLSC 990.0

Master of Agriculture (M.Agr.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the
proposed field of study

- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 24 credit units
- SLSC 990.0
- SLSC 992.0

**Master of Science (M.Sc.)**

**Admission Requirements**

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 15 credit units
- SLSC 990.0
- SLSC 994.0

**Doctor of Philosophy (Ph.D.)**

**Admission Requirements**

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information
and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 6 credit units
- SLSC 990.0
- SLSC 996.0
- comprehensive examination
- qualifying examination

Transfer from Master’s to Ph.D.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves human subjects
- a minimum of 21 credit units
- SLSC 990.0
- SLSC 996.0
Toxicology

Website: Toxicology

Research and postgraduate teaching in toxicology is coordinated and led by the Toxicology Centre, with substantial participation from members of the University's Toxicology Group. The Toxicology Group is an interdisciplinary body under the umbrella of the College of Graduate Studies and Research that consists of faculty members from many university departments, as well as scientists from various government research institutions located on or near campus. Most Toxicology Group faculty are available to serve as supervisors for prospective students.

In addition to general toxicology, activities and specializations within the program include analytical toxicology, aquatic toxicology, ecotoxicology, forensic toxicology, immunotoxicology, molecular biology, nutritional toxicology, radiation toxicology, veterinary toxicology, and wildlife toxicology.

Program Requirements

Postgraduate Diploma (P.G.D.)

Admission Requirements

- A four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 65% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 30 credit units, including:
  - a minimum 18 credit units of Core Courses
  - TOX 990.0

Core Courses (18 credit units required)

- ACB 821.3
- ANSC 825.3
- APMC 825.3
- BIOE 850.3
- BIOL 880.3
- GEOL 851.3
- KIN 808.3
- MCIM 820.3
- PHAR 848.3
- PHAR 854.3
- PHAR 856.3
- PLSC 813.3
- VBMS 833.3
- VBMS 840.3
- VTPA 841.3
- TOX 810.3
- TOX 820.3
- TOX 821.3
- TOX 840.3
- TOX 842.3
- TOX 843.3
- TOX 844.3
- TOX 850.3
- TOX 860.3

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 9 credit units of Core Courses
- TOX 990.0
- TOX 994.0

Core Courses (9 credit units required)

- ACB 821.3
- ANSC 825.3
- APMC 825.3
- BIOE 850.3
Doctor of Philosophy (Ph.D.)

Admission Requirements

- a Master's degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master's program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 6 credit units of Core Courses
- TOX 990.0
- TOX 996.0
- comprehensive exam
- qualifying exam

Core Courses (6 credit units required)

- ACB 821.3
Transfer from Master's to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 15 credit units of Core Courses
- TOX 990.0
- TOX 996.0

Core Courses (15 credit units required)

- ACB 821.3
- ANSC 825.3
- APMC 825.3
- BIOE 850.3
- BIO 880.3
- GEOL 851.3
- KIN 808.3
- MCIM 820.3
- PHAR 848.3
- PHAR 854.3
- PHAR 856.3
- PLSC 813.3
- VBMS 833.3
- VBMS 840.3
- VTPA 841.3
- TOX 810.3
- TOX 820.3
- TOX 821.3
- TOX 840.3
- TOX 842.3
- TOX 843.3
- TOX 844.3
- TOX 850.3
- TOX 860.3
Vaccinology & Immunotherapeutics

This multidisciplinary program offers students the following three streams:

1) Vaccinology & Immunotherapeutics: Societal Issues. The research in this area will involve the complex social, health care, legal and ethical issues associated with vaccination and other immunotherapeutics. Students in this program will receive an M.A. or Ph.D.

2) Vaccinology & Immunotherapeutics: Design & Production. The research in this area will focus on the design and production of vaccines and other immunotherapeutics. Students in the program will receive an M.Sc. or Ph.D.

3) Vaccinology & Immunotherapeutics: Scientific Bases. The major focus of research in this area would be the science that underlies vaccines and other immunotherapeutics. Students in the program will receive an M.Sc. or Ph.D.

Program Requirements

Master of Arts (M.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- students will be required to select a program of study in consultation with their major supervisor and Advisory Committee members
- at least 9 credit units of graduate courses including:
  - VACC 801.3
  - VACC 990.0
  - VACC 994.0 thesis

Master of Science (M.Sc.)

Admission Requirements
a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study

- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- students will be required to select a program of study in consultation with their major supervisor and Advisory Committee members
- at least 9 credit units of graduate courses including:
  - VACC 801.3
  - VACC 990.0
  - VACC 994.0 thesis

**Doctor of Philosophy (Ph.D.) - Direct Entry**

**Admission Requirements**

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master’s thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 12 credit units at the 800-level, including:
  - VACC 801.3
  - VACC 990.0
  - VACC 996.0
• comprehensive exam
• thesis defence

Doctor of Philosophy (Ph.D.) - Non-Direct Entry

Admission Requirements

• Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
• a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
• Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

• GSR 960.0
• GSR 961.0 if research involves human subjects
• GSR 962.0 if research involves animal subjects
• a minimum of 12 credit units of graduate courses including:
  • VACC 801.3
  • VACC 990.0
  • VACC 996.0
• oral comprehensive examination

Transfer from Master’s to Ph.D.

Degree Requirements

Students must maintain continuous registration in the 996 course.

• GSR 960.0
• GSR 961.0 if research involves human subjects
• GSR 962.0 if research involves animal subjects
• a minimum of 12 credit units of graduate courses including:
  • VACC 801.3
  • VACC 990.0
  • VACC 996.0
• oral comprehensive examination
Veterinary Biomedical Sciences

Website: Veterinary Biomedical Sciences

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 12 credit units
- VBMS 990.0
- VBMS 994.0

Doctor of Philosophy (Ph.D.)

Admission Requirements

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GSR 960.0
GSR 961.0 if research involves human subjects
GSR 962.0 if research involves animal subjects
minimum of 3 credit units
comprehensive examination
the supervisory committee may recommend a qualifying examination
VBMS 990.0
VBMS 996.0

Transfer from Master's to Ph.D.

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 15 credit units
Veterinary Microbiology

Website: Veterinary Microbiology

Program Requirements

Master of Science (M.Sc.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 9 credit units, including:
  - VTMC 990.0
  - VTMC 994.0
  - VTMC 830.3
  - VTMC 990.0
  - VTMC 994.6

Master of Veterinary Science (M.Vet.Sc.)

This program is not currently admitting new students.

The M.Vet.Sc. program is designed to provide instruction beyond the D.V.M. level for veterinarians who desire both postgraduate training and experience, but have no primary interest in research. Thus, it does not include a thesis requirement.

Admission Requirements

- Doctor of Veterinary Medicine (D.V.M.), or equivalent, from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information

http://www.usask.ca/programs/colleges-schools/grad-studies/programs/veterinary_microbiology.php
and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum 27 credit units, including:
  - VTMC 990.0
  - VTMC 992.0
  - VTMC 830.3
  - VTMC 990.0
  - VTMC 992.0

**Doctor of Philosophy (Ph.D.) - Direct Entry**

**Admission Requirements**

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, Doctor of Veterinary Medicine (D.V.M.), or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master’s thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 12 credit units at the 800-level, including:
  - VTMC 830.3
  - VTMC 990.0
  - VTMC 996.0
- Pass a comprehensive examination, after completing the required course work, and prior to focusing on the research and doctoral thesis.
- Write and successfully defend a thesis based on original investigation.

**Doctor of Philosophy (Ph.D.) - Non-Direct Entry**

**Admission Requirements**
Master’s degree, or equivalent, from a recognized university in a relevant academic discipline

- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum 3 credit units, including:
  - VTMC 990.0
  - VTMC 830.3
  - VTMC 996.0
- Comprehensive Exam at least one year before defending Ph.D. thesis

**Transfer from M.Sc. to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 12 credit units, including:
  - VTMC 830.3
  - VTMC 990.0
  - VTMC 996.0
- Comprehensive exam
- Thesis defence
Veterinary Pathology

Website: Veterinary Pathology

Currently, research interests in the department include: diagnostic pathology, pathogenesis of infectious disease in poultry and mammals, mucosal immunity, innate immunity and disease resistance, viral oncogenesis, hematological disorders, wildlife diseases and toxicopathology related to environmental contaminants in wildlife.

Program Requirements

Master of Science (M.Sc.)

A Doctor of Veterinary Medicine (D.V.M.) or equivalent is preferred for the Master of Science (M.Sc.) in Veterinary Pathology, but not required.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in the 994 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 9 credit units plus:
  - VTPA 990.0
  - VTPA 991.0 [Required if concurrently registered in diagnostic course(s)]
  - VTPA 994.0

Master of Veterinary Science (M.Vet.Sc.)

Admission Requirements

- Doctor of Veterinary Medicine (D.V.M.) or equivalent, from a recognized college or university
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for
applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 992 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- minimum of 30 credit units plus:
  - VTPA 992.0
  - VTPA 990.0
  - VTPA 991.0
  - VTPA 980.0
- comprehensive examination

Doctor of Philosophy (Ph.D.) - Direct Entry

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, Doctor of Veterinary Medicine (D.V.M.) or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 80% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master’s thesis in the program area.
- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- A minimum of 15 credit units at the 800-level, including:
  - VTPA 990.0
  - VTPA 991.0 [Required if concurrently registered in diagnostic course(s)]
  - VTPA 996.0
- Pass a comprehensive examination, after completing the required course work, and prior to focusing on the research and doctoral thesis.
- Write and successfully defend a thesis based on original investigation.

Doctor of Philosophy (Ph.D.) - Non-Direct Entry
A Doctor of Veterinary Medicine (D.V.M.) or equivalent is preferred for the Doctor of Philosophy (Ph.D.) in Veterinary Pathology, but not required.

**Admission Requirements**

- Master’s degree, or equivalent, from a recognized university in a relevant academic discipline
- A cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. coursework required in Master’s program)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum 6 credit units plus:
  - VTPA 990.0
  - VTPA 991.0 [Required if concurrently registered in diagnostic course(s)]
  - VTPA 996.0

**Transfer from M.Sc. to Ph.D.**

**Degree Requirements**

Students must maintain continuous registration in the 996 course.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Minimum of 15 credit units plus:
  - VTPA 990.0
  - VTPA 991.0 [Required if concurrently registered in diagnostic course(s)]
  - VTPA 996.0
Women's, Gender and Sexualities Studies

The interdisciplinary graduate program in Women's, Gender and Sexualities Studies explores three areas of specialization: 1) Indigenous/transnational/international gender justice; 2) queer and sexualities studies; 3) gender, representation and cultural studies. Participating students are provided with opportunities to examine how knowledge production and power relations unfold through social, political, cultural and economic interactions that condition possibilities in relation to each of the areas of specialization, and to complete an advanced research thesis that contributes to this growing field of inter/disciplinary knowledge.

Focusing on an area of specialization, students will complete an advanced research thesis that contributes to this expanding field of interdisciplinary knowledge. Intake of students will occur every second year. Students will normally complete this program in two years.

Program Requirements

Master of Arts (M.A.)

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in WGST 994.0.

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- a minimum of 15 credit units, including:
  - WGST 800.3
  - WGST 990.0
  - WGST 994.0
  - Area of Specialization: at least 3 credit units from the following:
    - WGST 810.3
    - WGST 811.3
    - WGST 812.3
  - Methods: at least 3 credit units from the following:
    - WGST 804.3 (U of R intensive)
    - ANTH 802.3
- ENG 801.3
- HIST 881.3
- PSY 805.3
- PSY 810.3
- SOC 841.6
- or suitable research methods class germane to student project, approved on a case-by-case basis
- 6 credit units of elective coursework, with approval of the Graduate Chair

- Successful thesis defence
- Residency Requirement of one academic calendar year
Writing

Program Requirements

Master of Fine Arts (M.F.A.)

Entry into the M.F.A. in Writing requires a four-year Bachelor's degree and a strong portfolio of writing. In exceptional cases, applicants without the degree may enter the program on a probationary basis: equivalency will be judged on previous participation in reputable workshops such as those offered by the Banff School of Fine Arts, the Sage Hill Writing Experience, and the Saskatchewan Writers' Guild; on relevant work experience; and on substantial publication.

Admission Requirements

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study with a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- Statement of intent
- Portfolio of 30 pages of writing. This portfolio will be judged for evidence that the candidate has achieved a preliminary standard of originality, craft, style, and literary sophistication
- 3 letters of recommendation
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- GSR 960.0
- GSR 961.0 if research involves human subjects
- GSR 962.0 if research involves animal subjects
- Four Workshop courses (12 credit units):
  - WRIT 800.3
  - WRIT 801.3
  - WRIT 802.3
  - WRIT 803.3
- One elective 800-level (or, where approved, a senior level undergraduate) course (3 credit units)
- WRIT 990.0: The Profession of Writing
- WRIT 994.0: Major Work/Thesis

http://www.usask.ca/programs/colleges-schools/grad-studies/programs/writing.php