SECTION 1: University 1 Overview

1.1 Transition to University

University 1 is an approach to first year university education that provides students with choice and flexibility within an environment that allows them to achieve their educational objectives. University 1 students can take courses required for admission to one or more faculty or school and, at the same time, sample courses related to several disciplines or programs. University 1 provides entering students with the opportunity to experience before they make definitive decisions on their academic and career choices. University 1 students can base their University 1 course choices on the Fulfillment of this objective. Its three main pillars are academic advising, academic support and academic orientation. But University 1 is also much more. Built on the premise of "the freedom to choose", it helps smooth out the normally difficult transition from high school to university. In short, University 1 is designed to give entering students the opportunity to adjust to university life and its academic demands, explore options, and gain experience before they make definitive decisions on their academic and career goals. Through one-on-one and group academic advising and programming, University 1 provides entering students with the opportunity and information to make informed choices.

1.2 The Freedom to Choose

Three Approaches to Course Selection

Students with clear academic and career choices can base University 1 course choices on the Focused Approach, a full course load that allows students to complete their programs in the shortest time. Students trying to decide between two or more programs may base their University 1 course choices on the Balanced Approach, where entrance requirements to more than one faculty can be completed at the same time. The widest exploration of options is found in the Sampling Approach, in which students select University 1 courses according to individual interests. Students following this approach may require additional courses to qualify for admission to the target faculty that they choose.

Detailed information on the University 1 course selection approaches is available in the University 1 Start Book. The University 1 Student Help Centre will begin mailing the Start Book to admitted students in May. Returning University 1 students can access the Start Book online at umbrella.ca/u1.

University 1 offers Start@U1 and Academic Orientation to help students make a successful transition to university and make more informed program choices. Completion of Start@U1 is required for all new students prior to registration. Start@U1 is available via an online tutorial. The tutorial guides students through the process of course selection and registration. University 1 Academic Orientation is the first two days of the Fall Term. Academic Orientation is also offered at the beginning of the Winter Term for students admitted for the Winter Term. University 1 Academic Orientation highlights the range of university services available to new students, and offers workshops to help students make the transition to university. Information concerning Start@U1 and University 1 Academic Orientation will be sent to all University 1 students as appropriate.
1.3 The Student Help Centre

The Advisors at University 1 help students become actively responsible for their education. Students are expected, among other things, to choose courses according to program requirements, build a timetable, register using Aurora Student, attend classes, complete assignments on time, be aware of deadlines and participate in social activities. Should difficulties arise in any area that would affect academic success the advisors at the University 1 Student Help Centre are there to help ease the transition. Academic Advisors are available to assist students with program planning, registration difficulties, personal issues or concerns, and to connect them to other campus resources. Newly admitted students should complete Start@U1 (see Section 3.4 in this chapter) prior to consulting with a University 1 Academic Advisor.

The Student Help Centre is located in 205 Tier Building. Hours of operation are normally Monday, Thursday and Friday 8:30 a.m. to 4:30 p.m. and Tuesdays and Wednesdays 9:30 a.m. to 4:30 p.m. Academic Advisors are available throughout the year (see Note). Advisors can assist students:

- In-person on a drop-in basis.
- By appointment on a limited basis. See our website atumanitoba.ca/U1 for information.
- On the University 1 telephone information system at (204) 474 6209 (Toll Free in Manitoba: 1 800 432 1960, ask for extension 6209).
- By e-mail at university_1@umanitoba.ca.
- Information is also available on our website at umanitoba.ca/U1.

Note: From time to time, Advisor availability may be reduced due to other commitments. If this should occur, students will be given as much advance notice as possible on the web (umanitoba.ca/U1), by automated voicemail (204-474-6209), and through notices posted outside 205 Tier Building. During peak registration times (particularly July and August; September Revision, January Revision and Voluntary Withdrawal deadlines), there may be significant wait times to see an Advisor.

1.4 The Learning Assistance Centre

201 Tier Building
Telephone: (204) 480 1481
Website: umanitoba.ca/U1/lac

The Learning Assistance Centre (LAC) offers academic support to University of Manitoba students to facilitate learning and improve writing skills. Areas of support include time management, goal setting, textbook reading, note taking, preparing for multiple choice and essay exams, motivation, memory and concentration as well as writing papers.

Workshops
Free study skills and writing workshops are offered in September on a variety of topics. View the updated schedule and brief descriptions on the LAC website.

One-to-One
Drop by to meet with a learning specialist or peer writing tutor for help with writing or study skills, learning, memory, and reading issues. Our staff is available Monday to Friday by appointment and drop-in. Tutors are available in 201 Tier and in Elizabeth Dafoe Library. See the LAC website for current hours.

Web Resources
The LAC website is continually growing. In addition to updated information about LAC hours, the writing tutor program, and workshops, you can access:

- Handouts on writing, learning, and studying
- Links to related websites including University of Manitoba resources and other university links providing useful help with time management, test anxiety, writing various types of papers, grammar etc.
- Online writing tutors who respond in writing to writing submitted via email.
- Instant message program that links to writing tutors who can answer specific questions on style, format and grammar.

SECTION 2: Admission to University 1

2.1 First Year Study in University 1

University 1 is the first 30 credit hours of most University of Manitoba programs, and depending on choice of target faculty, may be completed through either full-time or part-time study. High school graduates, mature students, and transfer students with less than 24 credit hours of post-secondary education are admitted to University 1. Exceptions are students admitted to the School of Art (Studio programs), the Marcel A. Desautels Faculty of Music, the School of Agriculture (the Agriculture Diploma program), and students who qualify for direct entry to the Faculty of Engineering. The courses taken in University 1 are introductory university level courses that may qualify students to enter the target faculty of their choice. When students have completed 30 credit hours in University 1 and have a minimum cumulative Grade Point Average (GPA) of 2.0, they must transit to the Faculty of Arts or the Faculty of Science or apply to another faculty or school where they complete its program requirements in order to graduate (see Section 3.2 in this chapter for exceptions).

2.2 Admission Based on Manitoba High School

Manitoba high school applicants must have high school graduation with five full credits at the Grade 12 level, in courses designated S (Specialized), G (General), or U (Dual Credit – University), with a minimum of three of these credits in S or U courses. In addition, students must complete one of the following sets (A, B or C) of requirements:

Set A:
One credit of Grade 12 S or U English with a minimum grade of 60 per cent, and a minimum average of 70 per cent over three Grade 12 S or U credits.

Set B: (Limited Admission)
One credit of Grade 12 S or U English, with a minimum grade of 60 per cent, and a minimum average of 63-69.9 per cent over three Grade 12 S or U credits.

Set C: (Limited Admission)
A minimum average of 70 per cent over three Grade 12 S or U credits, but lacking the Grade 12 S or U English requirement or final grade less than 60 per cent.

Note: Admission under Set B or C is considered a limited admission to University 1. Some registration restrictions apply, and additional academic supports and services are provided.

2.3 Admission Based on High School in Other Canadian Provinces

All applicants applying with credentials from other Canadian provinces must meet the general entrance requirements as listed in Section 3.2.1, in the Admissions chapter of this Calendar. To qualify for University 1 they must complete one of the following sets:

Set A:
A minimum average of 70 per cent over the top three Grade 12 university preparatory courses and a minimum final grade of 60 per cent in Grade 12 university preparatory English.

Set B: (Limited Admission)
A minimum average of 63 per cent to 69.9 per cent over the top three Grade 12 university preparatory courses and a minimum final grade of 60 per cent in Grade 12 university preparatory English.

Set C: (Limited Admission)
A minimum average of 70 per cent over the top three Grade 12 university preparatory courses, but lacking the Grade 12 university preparatory English or final grade less than 60 per cent.

Note: Admission under Set B or C is considered a limited admission to University 1. Some registration restrictions apply, and additional academic supports and services are provided.

2.4 Admission Based on International High School

All applicants applying with credentials from outside Canada must meet the equivalent of the general entrance requirements as listed in Section 3.2.3 in the Admissions chapter in this Calendar, plus either one of the following options outlined below. All applicants whose primary language is
not English must provide evidence of proficiency in English as outlined in section 6.2 in the Admissions chapter in this Calendar.

**Option 1:** Senior-level English (minimum 60%) and a minimum 70% (B) overall average.

**Option 2:** Limited Admission A minimum of 70% (B) average but lacking Senior-level English.

**Note:** Admission under Option 2 is considered a limited admission to University 1. Some registration restrictions apply, and additional academic supports and services are provided.

### 2.5 Additional Information for High School Applicants

The courses listed in Section 2.2, 2.3 and 2.4 of this chapter are required for admission to University 1. Some introductory university courses require specific high school courses as prerequisites, which are specified in the course descriptions of this Calendar.

Courses completed in Advanced Placement and International Baccalaureate programs are considered as Grade 12 level courses for admission and selection purposes and may be eligible for transfer credit. See Section 3.3 of the Admissions chapter of this Calendar for more details.

Manitoba and Northwest Ontario (Thunder Bay and west) students will be selected on the basis of an average calculated over the best three different Grade 12 S or U credits. Although the remaining required courses will not be used in the computation of the average, each must bear at least a passing grade.

Applicants presenting academic records from other provinces or countries will be selected on the basis of an average calculated from their entire high school graduating year, or as specified under the section Certificates Equivalent to Manitoba High School Standing in Section 3.2 in the Admissions chapter in this Calendar.

### 2.6 Mature Students

Students who do not meet the high school or transfer requirements, and are Canadian citizens or permanent residents of Canada, may qualify for admission as mature students. To qualify for mature status, students must be at least 21 years of age before September 30 for admission to Fall Term; and before January 31 for admission to Winter Term; and before May 1 for admission to Summer Term (students who turn 21 before July 1 may take Summer Term courses beginning in July). Although students admitted in this category are not required to have specific courses for admission, they must meet normal course prerequisites, which are listed in the course descriptions in this Calendar. See Section 5.1 in the Admissions chapter in this Calendar for more details on Mature Student Status.

### 2.7 Transfer Students

Students who have completed less than 24 credit hours of studies at a post-secondary institution will normally be assessed on the basis of their high school record for admission to University 1, and must meet the high school requirements or the mature student requirements listed in Sections 2.2 to 2.6 of this chapter. Students who have completed 24 credit hours or more at a recognized post-secondary institution may apply directly to a faculty or school. See Section 4 of the Admissions chapter in this Calendar for more details.

### SECTION 3: University 1 Course Requirements

#### 3.1 Course Requirements

The University 1 curriculum includes a breadth requirement to ensure that students are exposed to a representative sample of courses. To that end University 1 students are governed by the following regulation: students are required to take 6 credit hours of courses from the Faculty of Arts, 6 credit hours of courses from the Faculty of Science, and 6 credit hours of courses from the Faculty of Arts or the Faculty of Science or the Clayton H. Riddell Faculty of Environment, Earth, and Resources and 12 further credit hours of courses from the University 1 course list in the Appendix at the end of this chapter. This curriculum will normally be fulfilled through the completion of courses that are required for admission to faculties and schools. Students who are admitted to faculties and schools after University 1 and who have not completed the University 1 curriculum will complete the remaining requirements as part of their degree program. Additionally, students may be eligible to move to a faculty or school program once they have completed 24 credit hours, but must complete remaining University 1 coursework in their intended degree program (see Section 3.2 in this chapter). Students with less than 24 credit hours remain in University 1 for their next registration and may register for a full course load.

The list of courses available to University 1 students is available in the Appendix at the end of this chapter. With special permission, students may register for courses not on this list.

The University 1 Start Book describes in detail the courses and course selection options available to University 1 students (See Section 3.4 of this chapter).

#### 3.2 Transfer to Faculties and Schools Following University 1

Target faculties and schools that students may enter after University 1 have established minimum admission requirements. It is strongly advised that students pay attention to these requirements when choosing their courses in University 1. Many target faculties and schools have also established a Focused Approach for choosing courses in University 1 that will allow students to complete their degree in the shortest possible time.

Target faculties and schools that admit students directly from University 1 require for admission, the completion of either 24 or 30 credit hours, depending on the program. There are often alternative courses that will fulfill admission requirements and, with careful planning, the University 1 course selection can qualify students for admission to more than one program. The basic course requirements for admission to faculties and programs after University 1 are summarized in each faculty or school section in this Calendar and in the University 1 Start Book. Detailed information on admission requirements can be found in the Applicant Information Bulletin available for each program from the Enrolment Services Office, 424 University Centre.

Students who have completed 30 credit hours or more with a cumulative Grade Point Average (GPA) of 2.0 must exit University 1 before registering in the next Fall/Winter Terms. Students with 30 credit hours or more who have not met specific academic standards are normally required to remain in University 1 until those standards are met. See Section 4.9 of this chapter for an explanation of University 1’s academic standards.

Students who have completed 24 credit hours or more with a minimum cumulative GPA of 2.0 may be eligible to apply for admission to another faculty or school. See the admission requirements section in each faculty or school chapter in this Calendar and the Start Book. Alternatively, students who have completed 24 to 29 credit hours with a cumulative GPA of 2.0 may elect to remain in University 1 and register for a full course load.

Students who have completed 24 credit hours or more with a cumulative GPA of 1.99 or less may not be eligible for admission to a target faculty or school and would remain in University 1. Students should refer to University 1’s academic standards as outlined in Section 4.9 of this chapter.

**Note:** School of Art (Studio programs), the Marcel A. Desautels Faculty of Music, the School of Agriculture (the Agriculture Diploma program), and the Faculty of Engineering continue to admit students directly from high school, providing specific entrance requirements are met. Students may also apply for admission to these programs from University 1. See the chapters of these faculties and schools in this Calendar for program information.

#### 3.3 University Written English and Mathematics Requirement

All students admitted to the University of Manitoba are required to successfully complete, within the first 60 credit hours of their programs, a minimum of one three credit hour course with significant content in written English, and a minimum of one three credit hour course with significant content in mathematics.

Some target faculties and schools require that the written English and mathematics requirements be completed within University 1. Other target faculties and schools may have designated specific written English and mathematics courses in Year 2 of their programs that fulfill this requirement. Students should refer to the admission requirements outlined by individual target faculties in this Calendar and in the University 1 Start Book for further information.
A complete list of all courses that satisfy the university written English and mathematics requirements is provided in Appendix A in the General Academic Regulations and Requirements chapter in this Calendar. University 1 courses which satisfy the written English and mathematics requirements are also identified with a “W” and “M” on the University 1 course list in the Start Book.

### 3.4 Guide to Course Selection

New University 1 students are required to complete the Start@U1 Online Tutorial and quiz before registering for courses. The Start@U1 Online Tutorial will teach students to choose courses, determine a course load, build a timetable and use the Aurora Student registration system. Other registration related concerns, such as fee payments and photo identification cards, will also be addressed.

Course selection information for University 1 students is found in the University 1 Start Book.

Start@U1 details and the University 1 Start Book will be mailed beginning in May and throughout the summer for students newly admitted to University 1 for September 2009; in the Fall for students admitted for January 2010; and in the Spring to students admitted for Summer 2010. Detailed information will also be available online atumanitoba.ca/u1.

Returning University 1 students may view the Start Book online at umanitoba.ca/u1.

Refer to Section 3.1 in this chapter for course requirements in University 1. Students should choose courses that are appropriate for entry to their desired target faculties or schools. Information about course requirements for each target faculty or school can be found in the admission section in the chapter pertaining to each faculty or school in this Calendar, the Start Book, and in the Applicant Information Bulletin available from the Enrollment Services Office, 424 University Centre.

### 3.5 Prerequisites, Concurrent Requirements and Co-requisites

**Prerequisite:** If a course is prerequisite for a second course, the prerequisite must be completed in order to begin the second course. To determine a course’s prerequisite, see the course descriptions in this Calendar. Normally, a minimum grade of “C” is required in all courses listed as prerequisites, except as otherwise noted in the course descriptions.

**Concurrent Requirement:** If a course is a concurrent requirement for a second course, it may be taken either prior to or in the same term as the second course. To determine if a course has a concurrent requirement, see the course descriptions in this Calendar.

**Co-requisite:** If a first course is a co-requisite for a second course, the first course must be completed in the same term as the second course. To determine if a course has a co-requisite, see the course descriptions in this Calendar.

### 3.6 Courses Available to University 1 Students

The complete list of courses available to University 1 students is found in the Appendix at the end of this chapter. The University 1 course list includes all introductory courses offered by the Faculty of Arts and the Faculty of Science, as well as introductory level courses offered by many other faculties and schools. All courses required for entry to target faculties and schools are included as well as courses that may be taken as electives. The course list may also be found in the University 1 Start Book; however, this list includes only those courses being taught during the Fall 2009 and Winter 2010 Terms.

Courses appearing on the University 1 course list are approved for credit in University 1 and are accepted for credit in all target faculties and schools, with the exceptions of English: ENGL 0930 and ENGL 0940, which are not acceptable for credit in Engineering, Nursing, or Pharmacy; and Interdisciplinary: ARTS 1110 and Mathematics: MATH 1520, which are not acceptable for credit in Engineering. Biology: BIOL 1110 may not be used as a Science course (for admission purposes) for the Faculty of Nursing.

Students may seek permission to take courses that do not appear on the University 1 course list. Courses that are not on the University 1 course list may not be acceptable for credit in all faculties. This means that, although a grade is awarded in the course and it appears on the student’s academic record, it might not be used for degree credit by the faculty or school to which the student is admitted. The granting of credit for courses not on the University 1 course list is at the discretion of each faculty or school. Consult the University 1 Student Help Centre for information about specific courses.

Returning University 1 students may be able to structure their course selection so that they can complete the admission requirements for their target faculty or school and begin to work on Year 2 degree requirements. See the target faculty’s chapter in this Calendar or the Academic Advisors at the U1 Student Help Centre for help with course selection. Students may also be referred to the advising office of the target faculty.

### 3.6.1 Introduction to University: ARTS 1110

Introduction to University (ARTS 1110) is a three credit hour course that satisfies the written English requirement. It is designed to help students make the transition from high school, college or work-place to university. ARTS 1110 may help students adjust to university life more quickly, offering a unique combination of educational principles, practical skills, regular assignments, and the support of a group of fellow students. Features of ARTS 1110 include: strategies for academic success; introduction to libraries and research methods; instruction and extensive practice in effective writing, from first draft to finished work; and exercises in critical thinking. ARTS 1110 is normally only available to students who have completed fewer than 12 credit hours of university level courses prior to the Fall 2009 and Winter 2010 Terms.

### SECTION 4: University 1 Regulations

The provisions of the General Academic Regulations and Requirements chapter, and the University Policies chapter in this Calendar, apply to all students. In addition, University 1 and the faculties and schools offering University 1 courses have regulations and requirements that apply specifically to its students.

### 4.1 Maximum Course Load

University 1 students are normally restricted to a maximum of 30 credit hours during the Fall/Winter terms, with a maximum of five courses in each term. Students admitted under the Limited Admission programs will be restricted to a maximum of 24 credit hours during the Fall/Winter terms, with a maximum of four courses in each term. In each case, a credit hour overload may be considered for Winter Term based on Fall Term performance. Contact the University 1 Student Help Centre to discuss course overload requests.

### 4.2 Withdrawal from Courses

See Section 6.2 in the General Academic Regulations and Requirements chapter in this Calendar.

Voluntary Withdrawals (VWs) are incurred when students drop courses after the normal registration revision period. Students are strongly encouraged to speak to a University 1 Academic Advisor prior to dropping a course to discuss the consequences of the VW decision and to create a recovery plan. Dropping a course may adversely affect eligibility to transfer to a target faculty.

VW deadline dates can be found inside the front cover of this Calendar. VW deadlines are final. Students may not withdraw from a class after the deadline, except as described under the heading ‘Authorized Withdrawal’. Students enrolled after the deadline must complete the remaining term work and write the final exam. Students who do not will receive a grade classification of “NP” (No Paper) accompanied by a letter grade based on term work completed for the course using a zero value for any incomplete term work and for the final examination.

Authorized Withdrawal: Students with valid and documented reasons for withdrawal, such as medical illness or compassionate circumstances, may be authorized to withdraw from a course(s) without academic penalty. These “authorized withdrawals” (AWs) may only be approved by the University 1 Student Help Centre. AWs do not automatically result in a fee refund. Students seeking a refund of tuition fees must submit a fee appeal to the Registrar’s Office. For more information on AWs see Section 6.2.2 in the General Academic Regulations and Requirements chapter in this Calendar.

### 4.3 Incomplete Term Work

Students who are unable to complete the term work prescribed in a course may apply to the instructor prior to the end of lectures for an incomplete
grade and time extension for work completion. The student is expected to write the final examination if one is scheduled for the course. See Section 4.1.2 in the General Academic Regulations and Requirements chapter in this Calendar.

### 4.4 Final Examinations

See Section 4.2 in the General Academic Regulations and Requirements chapter in this Calendar.

Students (with the exception of those auditing a course) are required to write all final examinations. Those who are absent without acceptable reason will receive a grade classification of "NP" (No Paper) accompanied by a letter grade based on term work completed for the course using a zero value for incomplete term work and for the final examination. If no credit for term work is involved, a grade of "F" will be assigned. Under certain conditions a student may apply for a deferred examination (see Section 4.5 in this chapter).

It is each student’s responsibility to remain available during the entire examination period. Travel is not accepted as a reason for a deferred examination.

The Academic Schedule published at the front of this Calendar indicates the examination period for each academic term. The time, date, and location of examinations are available, about half way through the term, online at umanitoba.ca/student/records/, as well as on a master timetable that is available in the University 1 Student Help Centre.

### 4.5 Missed Examinations

University 1 students who miss a final examination for medical or compassionate reasons may be granted a deferred examination. **Travel plans are not an acceptable reason to miss examinations.** The University 1 Student Help Centre is the only place that can arrange a deferred examination for University 1 students who miss a final exam scheduled by the Registrar’s Office. To make this arrangement, University 1 students must report to the Student Help Centre, normally no later than seven working days after the end of the examination series in which the examination was scheduled to be written, and provide written proof (such as a medical certificate) supporting the reason for missing an examination. The dates of the illness or affliction must correspond to the dates of the examination. If the request for a deferred examination is approved, the student will, in most cases, be offered the opportunity to write another examination within 30 working days from the end of the examination series in which the examination was deferred. More information about deferred exams may be found in Section 4.2.5 in the General Academic Regulations and Requirements chapter in this Calendar.

If a University 1 student misses a mid-term examination or a final examination, not scheduled by the Registrar’s Office, for personal or medical reasons, the student must report to the instructor as soon as possible and provide written proof supporting the absence. Missing an examination is serious. There are many ways that the instructor can accommodate the student, and these options are up to the instructor and the department. Writing a makeup test at the student’s convenience may not be an option.

### 4.6 Grade Appeals

University 1 students who do not agree with a grade assigned to term work (lab assignments, essays, term tests, etc.) or their final grade should discuss this with their instructor and attempt to resolve the issue without the need to submit a formal appeal. If an agreement is reached, an appeal is not necessary. If an agreement is not reached, the student may submit a formal appeal for either term grades or final grades.

A formal appeal of a grade assigned for term work (lab assignments, essays, term tests) normally must be submitted within 10 working days after the grade has been made available. Students may obtain the form “Application for Appealing a Grade Given for Term Work” from the general office of the department that offered the course.

A formal appeal of the final grade assigned will only result in the re-marking of the student’s final exam. Final grade appeal applications are available from the Registrar’s Office. Students have 21 days after the release of final grades by the Registrar’s Office to submit a grade appeal application.

For more information on grade appeals, see Section 5 in the General Academic Regulations and Requirements chapter in this Calendar.

### 4.7 Repeating Courses

University 1 students may repeat a course they have previously taken, but they are **not required** to do so because of a low grade or a VW, unless it is a course required for admission or required once in their target faculty. University 1 students who wish to repeat a course in which they have a final grade must consult with a University 1 Academic Advisor prior to registration. Students may be eligible for a laboratory exemption in classes they are repeating with a laboratory component (see Section 4.8 in this chapter).

For courses that have been repeated (i.e. 2nd attempt) only the last grade achieved will be counted towards the students’ cumulative Grade Point Average. However, the official transcript will reflect the grades of all courses attempted. In most cases, students will only be given one opportunity to repeat a course in which they have received a final grade. This includes taking a course considered to be equivalent to the course originally attempted.

Students must refer to their target faculty or school’s Applicant Information Bulletin to determine how repeating a course may affect admission eligibility.

### 4.8 Laboratory Exemptions

University 1 students who are repeating a course with a laboratory component may qualify for a laboratory exemption. Laboratory exemptions are only granted if the lab portion of the course was passed. Only certain courses (usually courses in the Faculty of Science) offer laboratory exemptions. Students should see the general office of the department offering the course to determine if they are eligible for a laboratory exemption. Students who are eligible for a laboratory exemption should bring written permission from the department offering the course to the University 1 Student Help Centre prior to registration.

### 4.9 Academic Performance

Grades obtained in University 1 become a part of the student’s permanent record and will appear on the student’s official transcript. See Section 3 of the General Academic Regulations and Requirements chapter in this Calendar for a description of how Grade Point Averages (GPAs) are calculated. Grades earned while in University 1 will determine admission to most target faculties or schools.

**Performance Level**

University 1 students who have completed 12 credit hours or more will have their academic performance assessed informally as part of an Early Warning Program. Students with a cumulative GPA of less than 2.00 qualify for the Early Warning Program which is designed to assist students at the earliest sign of academic difficulty by providing academic advising, support services, and strategic referrals with the goal of returning the student to good standing. Formal academic assessments are performed following each term for all University 1 students who have completed 24 credit hours or more. As a result of this assessment students will be determined to be minimum met, on probation, or on academic suspension.

**Minimum Met**

University 1 students who have completed 24 credit hours or more must achieve a cumulative GPA of 2.00 or greater at each point of assessment in order to have met the minimum requirements of University 1. Students considered to be minimum met may be eligible to enter their target faculty and are encouraged to contact their target faculty or a University 1 Academic Advisor for admission information.

**Probation**

Students who do not achieve a cumulative GPA of 2.00 on a minimum of 24 credit hours will be placed on probation. The notation “On Probation” will be recorded on the student’s transcript. Once on probation, a student will be allowed to register for another term. At each point of assessment (at the end of each term), students on probation must achieve a term GPA of 2.00 to be able to continue registering on probation. To clear probationary status the student’s cumulative GPA must be 2.00 or higher. Once a student’s cumulative GPA reaches 2.00 or higher they will have returned to good standing and will be able to register without restrictions.

While on probation, support services and referrals may be suggested in order to improve academic performance. Some restrictions on course load may apply. If the student does not achieve a term GPA of 2.00 in each term the student registers while on probation, he/she will be placed on academic suspension for one calendar year (see below).
Please note students who are registered in spanned courses will be assessed at the end of each term in which they are registered. It is possible for a student to be placed on probation prior to completing a spanned course; however, an assessment of academic suspension will not occur while a student is registered in a spanned course. Students on probation who are registered in spanned courses will continue on probation until the spanned course is complete, and may be placed on academic suspension at the end of the term in which the spanned course is complete if their term GPA is below 2.00.

Academic Suspension
A student will be placed on academic suspension after failing to achieve a minimum term GPA of 2.00 while on probation. A student placed on academic suspension in University 1 is normally not permitted to register in any other faculty or school at the University of Manitoba or to attend any other post-secondary institution for a period of one calendar year. Students must reapply to University 1 once the term of the suspension has been served.

4.10 University 1 Honour List
Students who achieve a term GPA of 3.50 or higher on a minimum of 12 credit hours will be placed on the University 1 Honour List. The University 1 Honour List will be calculated after each term (i.e. Fall, Winter, Summer). The University 1 Honour List designation will appear on the student’s transcript.

4.11 Challenge for Credit
Challenge for credit is a method of establishing university credit based on previous non-U of M experiences. The faculty that offers the course will determine whether the student is eligible to challenge for credit. See the faculty or school chapters in this Calendar for information specific to each faculty. University 1 students who wish to challenge a course for credit must consult with a University 1 Academic Advisor prior to registration. For additional information on challenging a course for credit see Section 4.3.2 in the General Academic Regulations and Requirements chapter in this Calendar.

4.12 Taking Courses at Another University
Students wishing to complete courses at another institution for credit at the University of Manitoba must obtain written permission i.e., a Letter of Permission, from the Registrar’s Office prior to registering at the other institution or the transfer of credit will not be permitted. All courses completed on a Letter of Permission, along with the grades obtained, will be transferred and become part of the student’s permanent record at the University of Manitoba. Students with questions regarding the transfer credit should consult with a University 1 Academic Advisor.

Students who attend other post-secondary institutions without a Letter of Permission must reapply for admission to the University of Manitoba before the application deadline. The penalty for unauthorized or undisclosed attendance may be disciplinary withdrawal.

See Section 4.3.1 in the General Academic Regulations and Requirements chapter in this Calendar.

SECTION 5: Registration

5.1 New Students
Registration times for University 1 students
All students are given an initial access time in which to register. This initial access time is the earliest date and time students will be able to register for courses. Registration begins in July and concludes in September for three credit hour (Fall Term) courses and six credit hour (Fall/Winter Term) courses. For three credit hour (Winter Term) courses, registration begins in July and ends in January.

New University 1 students are the first students to be able to register, followed by returning students. It is important for new University 1 students to take advantage of this opportunity in order to get space in selected courses. Registration times for newly admitted University 1 students begin in July. All new University 1 students are required to successfully complete Start@U1 before registering for courses. Start@U1 is available via an online tutorial. See Section 3.4 in this chapter for more information about Start@U1.

Specific registration information and dates are available on Aurora Student; please refer to The Registration System: Aurora Student chapter of this Calendar.

Registration times
Students must access Aurora Student to find their specific registration time. To find the registration time, access Aurora Student, then Enrolment and Academic Records, then Registration, and then Registration Status. Please refer to The Registration System: Aurora Student chapter of this Calendar for more details.

5.2 Returning Students
Before registering for courses returning students must determine whether to register in University 1, transit to the Faculty of Arts or the Faculty of Science, or apply for admission to another faculty or school. See Section 3.2 in this chapter for more information about transferring to faculties and schools.

5.2.1 Remaining in University 1
Students who are continuing their studies in University 1 may register for a full course load (30 credit hours or 24 credit hours for those in the Limited Admission program) in Fall 2009 and Winter 2010. When choosing courses, students are advised to review their target faculty or school’s chapter in this Calendar or refer to the 2009 - 2010 Start Book for any changes in admission requirements since starting University 1. The Start Book is online atumanitoba.ca/u1. See Section 3.4 in this chapter for more information. See Section 3.1 in this chapter for information on determining registration time.

5.2.2 Transiting to the Faculty of Arts or the Faculty of Science
Transiting to the Faculty of Arts or the Faculty of Science is processed through Aurora Student. To transit, access Aurora Student, then Enrolment and Academic Records, then Declarations, then Transit from University 1.

Transits to the Faculty of Arts or the Faculty of Science may be completed up to the day of registration. To transit after registering students must contact the University 1 Student Help Centre or the intended faculty for assistance. Students may not transit after the end of the Registration Revision Period if they have registered for courses in Fall 2009 or Winter 2010. Students planning to begin classes in Winter 2010 may transit to the Faculty of Arts or Science after the end of the September Registration Revision Period with the assistance of a University 1 Academic Advisor or an advisor in the intended faculty.

5.2.3 Transferring to Other Faculties or Schools
Entry to every faculty and school, other than Arts or Science, requires a formal application to Enrolment Services. Application forms, deadline dates and a detailed Applicant Information Bulletin are available at Enrolment Services, 424 University Centre. Some faculties and schools admitting students from University 1 have application deadlines as early as February 1.

5.3 Building a Timetable
Information on building timetables is covered in the Start@U1 tutorial and in the Registration Information: Aurora Student chapter of this Calendar.

When building a timetable (i.e. deciding when to take courses), students can determine when individual courses are offered by using the online catalogue in Aurora Student.

5.4 Registering for Courses with Aurora Student
All registration functions are available using Aurora Student. Instructions on how to use Aurora Student are described in the Registration Information: Aurora Student chapter of this Calendar and the use of Aurora Student will be described in detail in the Start@U1 tutorial.

Aurora Student will not allow students to: (1) repeat a course in which a grade has previously been received; (2) register for Challenge for Credit courses; (3) register for a laboratory exemption; (4) take courses that are not on the University 1 course list. Students wishing to register in any of these categories must contact the University 1 Student Help Centre for registration assistance.
5.5 Fee Payment

Each Aurora Student session should be ended with a request for a fee assessment (for instructions see the Fees, Payments and Refunds chapter of this Calendar). Fee statements will not be sent to students in the mail.

Registration is not complete until fees are paid. Students who drop, add or change courses after their initial registration must request an updated fee assessment on Aurora Student.

For complete information, including fee payment deadlines, see the Fees, Payments and Refunds chapter of this Calendar.

5.6 University 1 Academic Orientation 2009: Tuesday, September 8 and Wednesday, September 9

Information about University 1 Academic Orientation 2009 will be mailed to new students in August. University 1 Academic Orientation is designed to help students succeed at university. It is an excellent way to become acquainted with the university community and to make some new friends.

University 1 Academic Orientation is the first two official days of classes, therefore all new University 1 students are required to attend.

5.7 Attendance in Classes

Attendance in class is expected, but enforcement is at the discretion of each instructor. Students are responsible for all information given in class, including the important announcement of due dates, etc. In many classes the information discussed in class is in addition to textbook information. Some classes assign marks for class participation.

5.7.1 Attendance in the wrong class or section

Students are expected to attend the section and class in which they are registered. Attending the wrong section or class may result in the student receiving a failing grade. In addition, students must make sure they are attending courses in the correct term. Students are financially accountable for registration related errors.

5.8 Registration Revision Period

The first two weeks of each Fall and Winter Term is known as the Registration Revision Period. During the revision period students can add courses, drop courses, or change sections without academic or financial penalty. All revisions can be done using Aurora Student. The Registration Revision Period is an opportunity for students to test out courses and ensure that they are enrolled in the right ones.

The Registration Revision Period for three credit hour Fall Term and six credit hour Fall/Winter Term courses is in September and for three credit hour Winter Term courses is in January. For the revision dates, see the inside front cover of this Calendar.

5.9 Summer Courses

Summer is a good time to get a head start on intended degree programs or to take missing requirements. Preliminary information about courses offered in the Summer Term is normally available in December, with the final Guide, which includes registration information, available in March. Registration in summer courses normally begins at the end of March. Students should check the faculty or school chapters in this Calendar or in the Start Book to ensure that their intended degree program allows them to work ahead by taking summer courses.

5.10 College Membership

For information about membership, services and academic programs in one of the following colleges, consult the chapter on College Membership in this Calendar or contact the college office at:

St. Andrew’s College (204) 474 8896
St. John’s College (204) 474 8531
St. Paul’s College (204) 474 8575
University College (204) 474 9751

For instructions on how to designate college membership see the Registration Information: Aurora Student chapter of this Calendar.

5.10.1 University 1 course offerings at St. John’s College

Students can meet the requirements for University 1 by selecting first year courses offered at the College. St. John’s College (SJC) students who have declared themselves as SJC members using Aurora Student will have access to special advance registration for all courses held in SJC, as well as corresponding lab sections held outside of the College. Students intending to enter a professional faculty (e.g., Medicine, Dentistry, Pharmacy) can meet their first year pre-professional requirements by registering in the courses offered in SJC. Contact the SJC Registrar for more information on the timetable. For instructions on how to designate college membership see the Registration Information: Aurora Student chapter of this Calendar.

5.11 Registration Reminders

Things to do before classes start:

- Complete the Start@U1 Online Tutorial and quiz (for new U1 students).
- Determine the registration time (see Section 5.1 of this chapter).
- Create a timetable.
- Use Aurora Student to register for courses. See the Registration Information: Aurora Student chapter of this Calendar.
- Request a fee assessment from Aurora Student. See the Fees, Payments and Refunds chapter of this Calendar.
- Confirm schedule and get a booklist on Aurora Student. See the Registration Information: Aurora Student chapter of this Calendar.
- Pay fees. See the Fees, Payments and Refunds chapter of this Calendar.
- Obtain a Photo Identification card. See the Other Important Things To Do and Know chapter of this Calendar.
- Attend U1 Academic Orientation, September 8 and 9.
- Obtain a UserID and computer account. See the Other Important Things To Do and Know chapter of this Calendar.

Registration is not complete until fees are paid or arrangements are made to have them paid by the September fee payment deadline. For payment options and deadlines see the Fees, Payments and Refunds chapter of this Calendar.

APPENDIX: University 1 Course List

Refer to Section 3 in this chapter for information about choosing courses in University 1. To find a description of the courses on this list, go to the chapter for the faculty or school that is offering the course. The chapters are in alphabetical order, and departments are listed alphabetically within each faculty or school chapter. Courses are listed in the department sections and sorted in numerical order.

Note that not all courses listed in this section are offered every year. To determine which courses are offered in the Fall 2009 and Winter 2010 Terms refer to umanitoba.ca/calendar and the University 1 Start Book. Students may be permitted to take courses not on this list with permission of the teaching faculty or school and University 1.

For a list of courses available at Collège universitaire de Saint-Boniface see a University 1 Academic Advisor or refer to umanitoba.ca/calendar.

Course No. Credit Hours

Faculty of Agricultural and Food Sciences

Agribusiness
ABIZ 1000 Introduction to Agribusiness Management 3
ABIZ 1010 Economics of World Food Issues and Policies 3

Entomology
ENTM 1000 World of Bugs 3

Food Science
FOOD 1000 Food Safety Today and Tomorrow 3

General Faculty
AGRI 1500 Natural Resources and Primary Agricultural Production 3
AGRI 1510 Production, Distribution and Utilization of Agricultural Products 3

In addition to the courses listed above, students who are registering in University 1 for a second year to complete courses required for entry to Agricultural and Food Sciences may request permission to register in any advanced level Agricultural and Food Sciences courses for which they have the prerequisites, subject to space limitations. Students must first consult a University 1 Academic Advisor.
Faculty of Architecture
EVDS 1600 Introduction to Environmental Design 3
EVDS 1602 Visual Literacy 3
EVDS 1660 History of Culture, Ideas and Environment 1 3
EVDS 1670 History of Culture, Ideas and Environment 2 3

Faculty of Arts
In addition to the courses listed below, University 1 students may take any 2000, 3000 and 4000 level Arts courses for which they have the prerequi-
site, subject to space limitations.

Anthropology
ANTH 1210 Human Origins and Antiquity 3
ANTH 1220 Cultural Anthropology 3
ANTH 1520 Critical Cultural Anthropology 3

Asian Studies
ASIA 1420 Asian Civilizations to 1500 3
ASIA 1430 Asian Civilizations from 1500 3
ASIA 1760 Introduction to Chinese (Mandarin) 6
ASIA 1770 Introduction to Japanese 6
ASIA 1780 Basic Sanskrit 3
ASIA 1790 Basic Hindi-Urdu 3
ASIA 2360 Mandarin Comprehension 6
ASIA 2760 Intermediate Chinese (Mandarin) 6
ASIA 2770 Intermediate Japanese 6

Canadian Studies
CDN 1130 Introduction to Canadian Studies 6

Catholic Studies
CATH 1190 Introduction to Catholic Studies 3

Classics
CLAS 1270 Introduction to Ancient Greek Culture 3
CLAS 1280 Introduction to Ancient Roman Culture 3

Greek
GRK 1010 Introduction to the Reading of Ancient Greek 1 3
GRK 1020 Introduction to the Reading of Ancient Greek 2 3
GRK 1030 New Testament Greek 6
GRK 1060 Introductory Modern Greek 1 3
GRK 1070 Introductory Modern Greek 2 3
GRK 1310 Intermediate Readings in Ancient Greek 3
GRK 1330 The Acts of the Apostles 3

Latin
LATN 1080 Introduction to the Reading of Latin 1 3
LATN 1090 Introduction to the Reading of Latin 2 3
LATN 1320 Intermediate Readings in Latin 3

Drama - see English, Film, and Theatre

Economics
ECON 1200 Principles of Economics 6
ECON 1210 Introduction to Canadian Economic Issues and Policies 3
ECON 1220 Introduction to Global Environmental Economic Issues and Policies 3

English, Film, and Theatre
ENGL 0930 English Composition (Note: This course is not acceptable for credit in the Faculties of Engineering, Nursing and Pharmacy, nor can it be used to meet the Humanities requirement). 3

ENGL 0940 Writing About Literature (Note: This course is not acceptable for credit in the Faculties of Engineering, Nursing and Pharmacy, nor can it be used to meet the Humanities requirement). 3

ENGL 1200 Representative Literary Works 6
ENGL 1300 Literature since 1900 6
ENGL 1310 Literary Topics 1 3
ENGL 1340 Introduction to Literary Analysis 3

Film
FILM 1290 The Art of the Film 1 3
FILM 1310 Film History 3

Theatre
THTR 1220 Introduction to Theatre 6

French, Spanish and Italian

French
FREN 1150 Introductory French 6

Spanish
FREN 1200 French 1 6
FREN 1252 Francais Oral 1 3

Italian
FREN 1190 Francais 6
FREN 1200 French 1 6
FREN 1252 Francais Oral 1 3

Spanish
SPAN 1180 Introductory Spanish 6
SPAN 1190 Introductory Spanish 2 3
SPAN 1260 Intermediate Spanish Language Review 3
SPAN 1270 Spanish Oral 1 3
SPAN 1280 Spanish for Native Speakers 3
SPAN 1290 Accelerated Intermediate Spanish 6

Russian
RUSN 1300 Introductory Russian 6
RUSN 1330 Introductory Russian 2 3
RUSN 1400 Masterpieces of Russian Literature in English Translation 3
RUSN 2810 Intermediate Russian 6
RUSN 2820 Intermediate Russian 2 3

Ukrainian
UKRN 1230 Language Seminar in Ukraine 1 3
UKRN 1270 Conversational Ukrainian 6
UKRN 1310 Introductory Ukrainian 6
UKRN 1320 Introductory Ukrainian 2 3
UKRN 2720 Intermediate Ukrainian 6
UKRN 2730 Intermediate Ukrainian 2 3

Polish
POL 1890 Introductory Polish 6

History
HIST 1200 An Introduction to the History of Western Civilization 6
HIST 1260 New Directions in History: Inquiries into the Cultural Basis of the Modern World 3
HIST 1270 New Directions in History: Inquiries into the Power Relations of the Modern World 3
HIST 1310 Canada-United States: Contemporary Problems in Perspective: Initial Problems 3
HIST 1320 Canada-United States: Contemporary Problems in Perspective: Current Problems 3

HIST 1350 An Introduction to the History of Western Civilization to 1500 3

HIST 1360 An Introduction to the History of Western Civilization from 1500 3

HIST 1370 An Introduction to Modern World History: 1500-1800 3
HIST 1380 An Introduction to Modern World History: 1800-Present 3
HIST 1390 History of Colonial Canada: 1500-1885 3
HIST 1400 History of the Canadian Nation since 1867 3
HIST 1420 Asian Civilizations to 1500 3
HIST 1430 Asian Civilizations from 1500 3
HIST 1440 History of Canada 6
HIST 1500 An Introduction to Modern World History: 1500 - Present 6

HIST 2050 South Asia since 1947 3
HIST 2080 The Byzantine Empire and the Slavic World 3
HIST 2130 Emergence of Modern South Asia: 1757-1947 3
HIST 2140 Colonial Latin America 3
HIST 2150 Independent Latin America 3
HIST 2180 The History of Catholicism to 1540 3
HIST 2210 History of Britain, 1485 to the Present 6
HIST 2220 The Shaping of Modern Ireland, 1500 to the Present 6
HIST 2230 History of the United States from 1607 6
HIST 2240 History of Antisemitism and the Holocaust 6
HIST 2250 Social History of the Jews: Antiquity to Present 6
HIST 2280 Aboriginal History of Canada
HIST 2350 Europe 1789-1870
HIST 2360 Europe 1870-Present
HIST 2370 History of Europe since the French Revolution
HIST 2380 The Twentieth-Century World
HIST 2410 History of India
HIST 2420 The Medieval World
HIST 2490 History of Russia
HIST 2500 History of Africa
HIST 2520 A History of Germany since the Reformation
HIST 2570 Nationalism in Modern Times
HIST 2580 A History of Fascism: The Politics and Culture of the Radical Right
HIST 2600 Introduction to the Ukraine
HIST 2610 Making of Modern Ukraine
HIST 2630 Modern China and Japan
HIST 2634 History of the People's Republic of China, 1949 – Present
HIST 2660 History of the Soviet Union
HIST 2670 History of Capitalism
HIST 2680 A History of Socialism from the French Revolution to the Present
HIST 2710 Women in History
HIST 2720 The World Since 1945
HIST 2750 History of the United States from 1607 to 1877
HIST 2760 History of the United States from 1877
HIST 2820 An Introduction to Historical Method
HIST 2840 A History of Russia to 1917
HIST 2890 Imperialism
HIST 2900 Topics in Social History
HIST 2930 The History of the British Isles, 412-1485
HIST 2935 Early Canada: from the Earliest Settlement to 1867
HIST 2960 The New Dominion: 1867 to 1921
HIST 2970 Modern Canada: 1921 to the Present
HIST 2990 The History of Catholicism since 1540
Iceland
ICEL 1200 Introduction to Icelandic
ICEL 1210 Conversational Icelandic
ICEL 1300 Introduction to Swedish
ICEL 1400 Introduction to Contemporary Culture in Iceland
ICEL 1410 Introduction to Culture in Medieval Iceland
Interdisciplinary
ARTS 1110 Introduction to University (Note: This course is not acceptable for credit in the Faculty of Engineering.)
ARTS 1120 Reading and Writing Across the Disciplines
ARTS 1140 European Literature 1
ARTS 1150 European Literature 2
Labour Studies
LABR 1260 Working for a Living
LABR 1290 Introduction to the Canadian Labour Movement
Linguistics
LING 1200 Introduction to Linguistics
LING 1340 Semantics
LING 1360 Languages of Canada
LING 1380 General Phonetics
LING 1420 Language and Gender
LING 1440 Rules of English Grammar
Native Studies
NATV 1000 Orientation Course: The Colonizers and the Colonized
NATV 1200 The Native Peoples of Canada
NATV 1220 The Native Peoples of Canada, Part 1
NATV 1240 The Native Peoples of Canada, Part 2
NATV 1250 Introductory Cree 1
NATV 1260 Introductory Cree 2
NATV 1270 Introductory Ojibway 1
NATV 1280 Introductory Ojibway 2
NATV 1290 Introductory Inuktitut
Near Eastern and Judaic Studies
Semitic Languages and Literature
SEMI 1120 Biblical Hebrew
SEMI 1250 Hebrew 1
SEMI 1260 Hebrew 2
YDSH 1220 Yiddish
PHIL 1200 Introduction to Philosophy
PHIL 1290 Critical Thinking
PHIL 1320 Introductory Logic
PHIL 1330 Introduction to Symbolic Logic
PHIL 1510 Historical Introduction to Philosophy
Political Studies
POLS 1000 Democracy and Development
POLS 1010 Political Ideas and Ideologies
POLS 1040 Global Political Issues
POLS 1070 Law, Politics, and Power in Canada
POLS 1500 Introduction to Politics
Psychology
PSYC 1200 Introduction to Psychology
Religion
RLGN 1120 Biblical Hebrew
RLGN 1320 Introduction to World Religions
RLGN 1350 The History of Eastern Christianity
RLGN 1390 Readings in Biblical Hebrew
RLGN 1400 Readings in Biblical Hebrew
RLGN 1410 Death and Concepts of the Future
RLGN 1420 Ethics in World Religions
RLGN 1430 Food: Religious Concepts and Practices
RLGN 1440 Evil in World Religions
RLGN 1450 Religion and The Media
Sociology
SOC 1200 Introduction to Sociology
Women's and Gender Studies Program
WOMN 1530 Introduction to Women's Studies in the Humanities
WOMN 1540 Introduction to Women's Studies in the Social Sciences
WOMN 2560 Women, Science, and Technology
Asper School of Business
Accounting & Finance
ACC 1100 Introductory Financial Accounting
Business Administration
GMGT 2030 Administrative Theory
GMGT 2070 Introduction to Organizational Behaviour
GMGT 2080 Introduction to Management and Organization Theory
Marketing
MKT 2210 Fundamentals of Marketing
In addition to the courses listed above students may register in any advanced level Business course for which they have the prerequisites, subject to space limitations.
Faculty of Engineering
ENG 1430 Design in Engineering
ENG 1440 Introduction to Statics
ENG 1450 Introduction to Electrical and Computer Engineering
ENG 1460 Introduction to Thermal Sciences
ENG 1900 Occupational Health and Safety Awareness
In addition to the courses listed above, students who are registering in University 1 for a second year to complete courses required for entry to Engineering may request permission to register in any advanced level Engineering courses for which they have the prerequisites, subject to space limitations. Students must first consult the Faculty of Engineering and a University 1 Academic Advisor.
Clayton H. Riddell Faculty of Environment, Earth, and Resources
In addition to the courses listed below, University 1 students may take any 2000, 3000 and 4000 level Clayton H. Riddell Faculty of Environment, Earth, and Resources courses for which they have the prerequisites, subject to space limitations.
Environmental Science
ENVR 1000 Environmental Science 1: Concepts
ENVR 2000 Environmental Science 2: Issues
General Faculty
EER 1000 Earth: A User's Guide
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1200</td>
<td>Introductory Geography</td>
<td>6</td>
</tr>
<tr>
<td>GEOG 1280</td>
<td>Introduction to Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1290</td>
<td>Introduction to Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>Geological Sciences</td>
<td></td>
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<tr>
<td>GEOL 1340</td>
<td>The Dynamic Earth</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 1400</td>
<td>Time-Trekker's Travelog: Our Evolving Earth</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 1410</td>
<td>Natural Disasters and Global Change</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 1420</td>
<td>Exploring the Planets</td>
<td>3</td>
</tr>
<tr>
<td>Faculty of Human Ecology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMLY 1010</td>
<td>Human Development in the Family</td>
<td>3</td>
</tr>
<tr>
<td>FMLY 1020</td>
<td>Family Issues Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>FMLY 1420</td>
<td>Family Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>FMLY 1900</td>
<td>Families, Housing and Community: An Introductory</td>
<td>3</td>
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<tr>
<td>Human Nutritional Sciences</td>
<td></td>
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<tr>
<td>HNSC 1200</td>
<td>Food: Facts and Fallacies</td>
<td>3</td>
</tr>
<tr>
<td>HNSC 1210</td>
<td>Nutrition for Health and Changing Lifestyles</td>
<td>3</td>
</tr>
<tr>
<td>Textile Sciences</td>
<td></td>
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<tr>
<td>TXSC 1600</td>
<td>Textiles for Living</td>
<td>3</td>
</tr>
<tr>
<td>TXSC 1610</td>
<td>Textiles, Product, and Consumers</td>
<td>3</td>
</tr>
<tr>
<td>In addition to the courses listed above, students who are registering in University 1 for a second year to complete courses required for entry to Human Ecology may request permission to register in any advanced level Human Ecology courses for which they have the prerequisites, subject to space limitations. Students must first consult the Faculty of Human Ecology and a University 1 Academic Advisor.</td>
<td></td>
<td></td>
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<tr>
<td>Faculty of Kinesiology and Recreation Management</td>
<td></td>
<td></td>
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<tr>
<td>PERS 1200</td>
<td>Physical Activity, Health and Wellness</td>
<td>3</td>
</tr>
<tr>
<td>PERS 1300</td>
<td>Introduction to Leisure Travel</td>
<td>3</td>
</tr>
<tr>
<td>PERS 1400</td>
<td>Concepts of Recreation and Leisure</td>
<td>3</td>
</tr>
<tr>
<td>PERS 1500</td>
<td>Foundations of Physical Education and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>In addition to the courses listed above, students who are registering in University 1 for a second year to complete courses required for entry to Kinesiology and Recreation Management may request permission to register in any advanced level Kinesiology and Recreation Management courses for which they have the prerequisites, subject to space limitations. Students must first consult the Faculty of Kinesiology and Recreation Management and a University 1 Academic Advisor.</td>
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<tr>
<td>Marcel A. Desautels Faculty of Music</td>
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<tr>
<td>MUSC 1050</td>
<td>The Well-Tempered Concert-Goer</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1070*</td>
<td>Introduction to the History of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1080*</td>
<td>History of Music 2</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1110*</td>
<td>Music Theory 1</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1120*</td>
<td>Music Theory 2</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1280*</td>
<td>Musical Style and Structure 1</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1290*</td>
<td>Musical Style and Structure 2</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1930</td>
<td>Rudiments of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3020</td>
<td>History and Performance of Jazz</td>
<td>3</td>
</tr>
<tr>
<td>* Contact the Marcel A. Desautels Faculty of Music for permission to register.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty of Nursing</td>
<td></td>
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<tr>
<td>NURS 1260</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>NURS 1280</td>
<td>Introduction to Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Students in University 1 will not normally be permitted to take advanced level Nursing courses.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty of Science</td>
<td></td>
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</tr>
<tr>
<td>In addition to the courses listed below, University 1 students may take any 2000, 3000 and 4000 level Science courses for which they have the prerequisite, subject to space limitations. Biological Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1000</td>
<td>Biology: Foundations of Life</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1010</td>
<td>Biology: Biological Diversity and Interactions</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1110</td>
<td>Health and the Health Professions (Note: This course will not be acceptable as part of the 6 credit hours of Faculty of Science electives for admission to the Faculty of Nursing.)</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1020</td>
<td>Biology 1: Principles and Themes</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1030</td>
<td>Biology 2: Biological Diversity, Function and Interaction</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1300</td>
<td>Economic Plants</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1340</td>
<td>The State of the Earth's Environment: Contemporary Issues</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1410</td>
<td>Anatomy of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1412</td>
<td>Physiology of the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td></td>
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<tr>
<td>CHEM 0900</td>
<td>Preparatory Chemistry</td>
<td>0</td>
</tr>
<tr>
<td>CHEM 1000</td>
<td>Understanding the World through Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1030</td>
<td>Carbon Chemistry in Nature and Society</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1300</td>
<td>University 1 Chemistry: Structure and Modelling in Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1310</td>
<td>University 1 Chemistry: An Introduction to Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1320</td>
<td>University 1 Chemistry: An Introduction to Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMP 1010</td>
<td>Introductory Computer Science 1</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1020</td>
<td>Introductory Computer Science 2</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1260</td>
<td>Introductory Computer Usage 1</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1270</td>
<td>Introductory Computer Usage 2</td>
<td>3</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
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<td>General Astronomy 2: Exotic Stars, Galaxies and Cosmology</td>
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<td>An interfaculty Option in Aging is offered by the faculties of Arts, Human Ecology, Nursing, Kinesiology and Recreation Management, and Social Work. Courses required for the Option in Aging are offered on a rotating basis by each of the participating faculties. Please see an Academic Advisor in University 1 for more information on the Option in Aging.</td>
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