

2012 - 2013 Program Requirements

These sheets will outline the Admission Requirements and High School Prerequisites for program options at the University of Manitoba.

Direct Entry - Students coming to the University of Manitoba directly from high school (or equivalent) or who have completed less than one year of university studies, will apply to a direct entry program option. For most students, this means entering into the University 1 program. Some direct entry program options are only open to students who have not completed **any** university or college study.

Advanced Entry – Students who wish to enter into an advanced entry program option must complete a designated set of required courses, normally beginning in University 1, prior to application. First year courses for advanced entry program options are made available to students within University 1. Specific admission requirements and deadlines for each program are available at the University of Manitoba admission website, umanitoba.ca/admissions.

Direct Entry Program Options Admission Requirements

Applicants must complete the following courses with the appropriate marks to be considered for their chosen direct entry program option. Students may apply prior to completing the required courses. Many programs will offer two direct entry routes, one option through University 1 and another option that is specific to that faculty or school.

University 1

1. High school graduation, with six credits in Grade 12 university preparatory courses.
2. Completion of one of the following sets of requirements:

Set A:

- i. A minimum average of 70% over three Grade 12 university preparatory courses.
- ii. A minimum final grade of 60% in Grade 12 university preparatory English.

Set B: (Limited Admission)

- i. A minimum average of 63% to 69.9% over three university preparatory courses.
- ii. A minimum final grade of 60% in Grade 12 university preparatory English.

Set C: (Limited Admission)

- i. A minimum average of 70% over three Grade 12 university preparatory courses, but lacking the Grade 12 university preparatory English (either less than 60% or no credit at all).

Note: Admission under Set B or C will be considered a limited admission to University 1; some registration restrictions and performance standards will apply, and additional academic supports and services will be provided.

Faculty of Agricultural and Food Sciences*

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - English ENG4U
 - Advanced Functions MHF4U
 - Chemistry SCH4U, Physics SPH4U, Biology SBI4U, or Computer Science ICS4C

School of Agriculture (2 year diploma program)

1. Completion of Grade 12 and high school graduation are recommended.
2. Grade 12 courses in English, Math, and Science are required.
3. Students without a suitable high school standing may be admitted upon the recommendation of a selection committee. An interview may be required.

School of Art (Studio Degree Program)

1. Candidates must meet the same admission standards as University 1 applicants.
2. A portfolio is required.
3. Grade 12 Art is recommended.

School of Art (Diploma Program)

1. Completion of Grade 12 and high school graduation are recommended.
2. A portfolio is required.
3. Grade 12 Art is recommended.

Admissions Office

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Direct Entry Program Options Admission Requirements continued...

Asper School of Business*¹

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - English ENG4U
 - Advanced Functions MHF4U
 - A third university preparatory course

School of Dental Hygiene*¹

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - English ENG4U
 - Two of Advanced Functions MHF4U, Biology SBI4U, or Chemistry SCH4U

Faculty of Engineering

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - Advanced Functions MHF4U
 - Chemistry SCH4U
 - Physics SPH4U

Faculty of Human Ecology*

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - English ENG4U
 - Chemistry SCH4U, Biology SBI4U, or a Grade 12 math
 - A third university preparatory course

Faculty of Kinesiology and Recreation Management*¹ (Athletic Therapy requires applicants to have completed university studies)

1. High school graduation with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% average in each course:
 - English ENG4U
 - A Grade 12 math
 - Biology SBI4U (recommended), Chemistry SCH4U, Physics SPH4U, or a grade 12 Social Studies (History CHI4U or CHY4U, Geography CGU4U, World Geography CHW4U, or Classical Civilization LW4U).

Marcel A. Desautels Faculty of Music

1. Candidates must meet the same admission standards as University 1 applicants.
2. An audition and a theory assessment are required.
3. Recommended level of musicianship (Toronto Conservatory or Conservatory Canada): Piano/Strings/Organ: 8; Voice/Winds: 7.
4. Grade 12 level music and a second language course are recommended.

Faculty of Science*

1. High school graduation, with six full credits in Grade 12 university preparatory courses.
2. A minimum 85% average over the following, with no less than 60% in each course:
 - English ENG4U
 - Advanced Functions MHF4U
 - Biology SBI4U, Chemistry SCH4U, Computer Science ICS4C, or Physics SPH4U

General Studies (Extended Education)

1. Candidates must meet the same admission standards as Set A University 1 applicants.

Note: High school students or mature status students who are planning to complete a degree at the University of Manitoba should seek admission to University 1.

* Applicants who have completed any university or college courses after high school graduation must meet the qualifications for Advanced Entry Program Options.

¹ In cases where eligible applicants outnumber the available spaces, applicants will require higher averages than stipulated to be successful in the admissions competition.

Advanced Early Admission

Students may apply for advanced early consideration to University 1, Agricultural & Food Sciences, Business, Engineering, Human Ecology, Music and Science based on their Manitoba Grade 11 or provincial equivalent marks. Qualifying students will receive a conditional acceptance, **but they must still meet the direct entry program requirements by the end of their Grade 12 year.** Students who do not qualify for conditional acceptance and submit their marks by the required deadline will automatically be considered for admission based on their Grade 12 marks. More details on how to apply for Advanced Early Admission and other admission deadlines are available on the Admissions website, umanitoba.ca/admissions.

High School Subject Prerequisites

Many programs will require or recommend specific high school courses over and above their admission requirements. These high school prerequisites (HSP) are not always required to enter the program, but they must be completed to enrol in certain university courses within it. If a student does not have a particular prerequisite when they enter the program, they may complete an equivalent upgrading course at university that will satisfy the prerequisite requirement. Please visit our website and consult Faculty Applicant Information Bulletin for more information.

Legend:

● Required. ○ Courses may be required depending on university course selection.

‡ Applications accepted from international students, but priority given to Canadian Citizens or Permanent Residents.

* Resident Priority, no international students admitted but open to all Canadian Citizens or Permanent Residents.

¹ Students may be admitted without having completed these high school courses, however, students will be required to fulfill prerequisite requirements during the program.

² Minimum 60%.

³ Principles of Math 12 (min. 70%) or Applications of Math 12 (min. 60%).

	Advanced Functions MHF4U (min. 50%)	Math (Grade 12; any level)	Advanced Functions MHF4U (min. 60%)	Biology SBI4U	Chemistry SCH4U	Physics SPH4U	Grade 12 Music	Grade 12 Visual Arts
Agricultural and Food Sciences¹								
Agribusiness			●	○	○	○		
Agriculture	● ³			●	●			
Agroecology	● ³			●	●			
Food Science			●	●	●			
Pre-Veterinary Medicine			●	●	●	●		
Architecture (Environmental Design) ‡								
Arts (all majors)								
Business, Asper School of								
Dental Hygiene*	●			○	●			
Dentistry* <i>Note: Admission into Dentistry is based on two years (60 credit hours) of university course work with required courses, results of the English Canadian Dental Aptitude Test (DAT), and an interview.</i>	●			●	●	●		
Education <i>Note: Requirements are dependant on subject areas one plans on teaching.</i>	○	○	○	○	○	○		
Engineering								
Environment, Earth, and Resources, Clayton H. Riddell Faculty of								
Environmental Science			●	●	●	●		
Environmental Studies		●		○	○	○		
Geological Sciences - General		●			●	○		
Geology			●		●	●		
Geophysics			●			●		
Geography - B.A.		○						
Physical Geography - B.Sc.			●	○	○	●		
Fine Arts								
Art History								○
Studio Degree								○
Human Ecology¹								
Family Social Sciences	○	●			○			
Human Ecology Program	○	●			○			
Human Nutritional Sciences	●			●	●			
Interdisciplinary Health - Health Studies	●			●	●			
Textile Sciences	●		○	●	●	○		
Kinesiology and Recreation Management								
Recreation Management and Community Development		●						
Kinesiology (Athletic Therapy included)		●		○	○	○		
Physical Education		○		○				
Law <i>Note: Admission into Law is based on two years (60 credit hours) of university course work and final results of the Law School Admission Test (LSAT).</i>								
Medical Rehabilitation*								
Occupational Therapy <i>Note: Occupational Therapy is a graduate program; a degree is required for application as well as an interview.</i>		●		○		○		
Physical Therapy <i>Note: Physical Therapy is a graduate program; a degree is required for application as well as an interview.</i>	○	●		○	○	○		
Respiratory Therapy <i>Note: Interview required for application.</i>	○	●		○	○	○		
Medicine* <i>Note: Admission into Medicine is based on the results of the Medical College Admission Test (MCAT), an interview, and completion of any type of undergraduate degree with the required university courses.</i>	●			●	●	○		
Music, Marcel A. Desautels Faculty of <i>Note: Audition and theory test are required for admission into Music. Knowledge of a second grade 12 language is recommended.</i>								○
Nursing		●		○				
Pharmacy*			●	●	●			
Science <i>Note: Astronomy, Biology, Chemistry, Computer Science, Mathematics, Physics, and Statistics have specific grade 12 level science requirements.</i>	○	○	○	○	○	○		
Social Work								

Programs

Admission requirements and high school prerequisites are listed by Faculty or School rather than program. Please consult the program list to find the Faculty or School for your program of interest.

Faculty of Agricultural & Food Sciences

Agribusiness
Agroecology
Agronomy
Animal Systems
Entomology
Food Science
Plant Biotechnology
Pre-Veterinary Medicine
Soil Science

School of Agriculture

Agriculture Diploma

Faculty of Architecture

Environmental Design
Architecture (masters)
City Planning (masters)
Interior Design (masters)
Landscape Architecture (masters)

School of Art

Art History
Ceramics
Drawing
Graphic Design
Painting
Photography
Printmaking
Sculpture
Video

Faculty of Arts

Aboriginal Governance
American Sign Language/
English Interpretation
Anthropology
Asian Studies
Canadian Studies
Catholic Studies
Central & East European
Studies
Classics
Classical Studies
Cree
Criminology
Drama
Economics
English
Film Studies
French

German
Global Political Economy
Greek
History
History of Art
Icelandic
Italian
Judaic Studies
Labour Studies
Latin
Latin American Studies
Linguistics
Mathematics
Medieval & Renaissance Studies
Music
Native Studies
Ojibway
Philosophy
Polish
Political Studies
Psychology
Religion
Russian
Sociology
Spanish
Theatre
Ukrainian
Ukrainian Canadian Heritage
Studies
Women's & Gender Studies

Asper School of Business

Aboriginal Business Studies
Accounting
Actuarial Mathematics
Business Generalist
Entrepreneurship/Small
Business
Finance
Human Resource Management
International Business
Logistics and Supply Chain
Management
Management Information
Systems
Management of Organizations
Marketing
Operational Research/
Operations Management

School of Dental Hygiene

Dental Hygiene

Faculty of Dentistry

Dentistry

Faculty of Education

Education

Faculty of Engineering

Biosystems Engineering
Civil Engineering
Computer Engineering
Electrical Engineering
Mechanical Engineering

Clayton H. Riddell Faculty of Environment, Earth, & Resources

Environmental Science
Environmental Studies
Geography
Geological Sciences
Geology
Geophysics
Physical Geography

Faculty of Human Ecology

Family Social Sciences
Human Ecology - general
program
Health Sciences
Health Studies
Human Nutritional Sciences
Textile Sciences

Faculty of Kinesiology & Recreation Management

Athletic Therapy
Kinesiology
Physical Education
Recreation Management and
Community Development

Faculty of Law

Law

School of Medical Rehabilitation

Physical Therapy (masters)
Occupational Therapy (masters)
Respiratory Therapy

Faculty of Medicine

Medicine

Marcel A. Desautels

Faculty of Music

Music Composition
Music Education
Music History
Music Performance
Jazz Studies

Faculty of Nursing

Nursing

Faculty of Pharmacy

Pharmacy

Faculty of Science

Actuarial Mathematics
Applied Mathematics
Astronomy
Biochemistry
Biological Sciences
Biotechnology
Chemistry
Computer Science
Genetics
Mathematics
Microbiology
Physics
Psychology
Statistics
Pre-Dentistry
Pre-Medicine
Pre-Occupational Therapy
Pre-Pharmacy
Pre-Physical Therapy
Pre-Veterinary Medicine

Faculty of Social Work

Social Work

University 1

Offers first year required courses for all program, designed as the first year for advanced entry program options.

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