

# 2009 - 2010 PROGRAM REQUIREMENTS

## PROGRAMS ADMITTING DIRECTLY FROM HIGH SCHOOL

### University 1

- High school graduation with a minimum average of 60% over six Grade 12 university preparatory courses.
- Completion of **one** of the following sets (A, B or C) of requirements:
 

Set A:	<ul style="list-style-type: none"> <li>minimum average of 70% over the top three Grade 12 university preparatory courses, with</li> <li>minimum final grade of 60% in Grade 12 university preparatory English</li> </ul>
Set B: (limited admission)	<ul style="list-style-type: none"> <li>average of 63% to 69.9% over the top three Grade 12 university preparatory courses, with</li> <li>minimum final grade of 60% in Grade 12 university preparatory English</li> </ul>
Set C: (limited admission)	<ul style="list-style-type: none"> <li>minimum average of 70% over the top three Grade 12 university preparatory courses, and</li> <li>no Grade 12 university preparatory English or final grade less than 60%</li> </ul>

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.

### School of Agriculture (Diploma Program)

2 Year Diploma

- Completion of Grade 12 and high school graduation are recommended.
- Grade 12 English, courses in mathematics, and a science course required.
- An interview may be required.

### Faculty of Engineering

4 and 5 year options

- High school graduation with a minimum average of 60% over five Grade 12 university preparatory courses.
- A minimum 85% average over the following three required courses:
  - Chemistry 120 or 121 (min. 60%), Advanced Math 120 or 121 (min. 60%), and Physics 120 or 121 (min. 60%).

Also see Engineering under ADVANCED ENTRY PROGRAMS THAT ADMIT FROM UNIVERSITY 1

### School of Art (Studio Degree Program)

3 and 4 year programs

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

### School of Art (Diploma Program)

4 year program

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

### General Studies (Extended Education) (Non Degree Program)

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

NOTE: General Studies provides access to degree credit courses for students not necessarily seeking a degree, e.g., visiting students or students wishing to take courses for personal or professional development. High school students or mature students who are planning to complete a degree at the University of Manitoba should seek admission to University 1.

### Marcel A. Desautels Faculty of Music (4 year Degree; 5 year B.Ed./B.Mus. Program)

4 and 5 year programs

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



## ADVANCED ENTRY PROGRAMS THAT ADMIT FROM UNIVERSITY 1

Students applying to any of these programs **must first complete prerequisite courses in University 1** (or a faculty) to meet the pre-professional entrance requirements. High school students should prepare for admission by meeting the requirements of University 1 and the specific Grade 12 subjects listed below:

### These Faculties do not have any High School Prerequisites (HSP)

#### Architecture (Environmental Design)‡

Program Length: 4 years

#### Arts

Program Length: General: 3 years; Advanced/Honours: 4 years

#### Law

Program Length: 5 years

#### Social Work

Program Length: 4 years

### These Faculties have High School Prerequisites (HSP)

#### Agricultural & Food Sciences (Degree)

Program Length: 4 years; 5 years with co-op option

HSP: Biology 120, Chemistry 120 or 121 (min. 50%, but not required for Agribusiness major); Advanced Math 120 or 121 (min. 60%) and Physics 120 or 121 (for pre-Veterinary Medicine only).

#### Business

Program Length: 4 years

HSP: Advanced Math 120 or 121 (min. 60%).

#### Dental Hygiene\*

Program Length: 3 years

HSP: Chemistry 120 or 121 (min. 50%) and Advanced Math 120 or 121 (min. 50%). Recommended: Biology 120.

#### Dentistry\*

Program Length: 6 years

HSP: Biology 120 (min. 50%), Chemistry 120 or 121 (min. 50%), Advanced Math 120 or 121 (min. 50%) and Physics 120 or 121 (min. 50%).

#### Education

Program Length: 5 years

HSP: Required only if teaching in these or related subject areas for any level: Advanced Math 120 or 121 (min. 60%); Biology 120 (min. 50%), Chemistry 120 or 121 (min. 50%); Physics 120 or 121 (min. 50%).

#### Engineering

Program Length: 4 years (additional time with co-op option)

HSP: Chemistry 120 or 121 (min. 60%), Advanced Math 120 or 121 (min. 60%), and Physics 120 or 121 (min. 60%).

#### Environment, Earth and Resources

Program Length: General: 3 years; Honours/Major/Advanced: 4 years. Note: co-op option may extend studies

HSP: Environmental Science: Biology 120, Chemistry 120 or 121, Advanced Math 120 or 121 (min. 60%), and Physics 120 or 121. Environmental Studies: Grade 12 math; recommends Biology 120. Geography: recommends Grade 12 math. Geological Sciences: Chemistry 120 or 121, Grade 12 math, recommends Physics 120 or 121. Geology: Chemistry 120 or 121, Advanced Math 120 or 121 (min. 60%) and Physics 120 or 121. Geophysics: Advanced Math 120 or 121 (min. 60%) and Physics 120 or 121. Physical Geography: Advanced Math 120 or 121 (min. 60%) and Physics 120 or 121, recommends Biology 120 or 121 and Chemistry 120 or 121.

#### Fine Arts (Art History)

Program Length: General: 3 years; Honours: 4 years

HSP: A portfolio is required. Recommended: Grade 12 Art.

#### Human Ecology

Program Length: General: 4 years

HSP: Human Nutritional Sciences, Textile Sciences and Health Sciences require Biology 120 or 121 (min. 50%), Chemistry 120 or 121 (min. 50%), and Advanced Math 120 or 121 (min. 50%). All other programs require Grade 12 math.

#### Kinesiology & Recreation Management

Program Length: 3 years (B. P. E.); 4 years (B. Kin., B.R.m.C.D.)

HSP: Kinesiology requires Grade 12 math and Biology 120; Chemistry 120 or 121 and Physics 120 or 121 are recommended. Recreation Management requires Grade 12 math. Physical Education recommends Grade 12 level science and math courses.

#### Medical Rehabilitation\*

Program Length: 5 years

HSP: A Grade 12 math (min. 50%) is required. Biology 120, Chemistry 120 or 121 and Physics 120 or 121 are strongly recommended. Advanced Math 120 or 121 is strongly recommended.

#### Medicine\*

Program Length: 7-8 years

HSP: Biology 120 (min. 50%), Chemistry 120 or 121 (min. 50%) and Advanced Math 120 or 121 (min. 50%). Physics 120 or 121 is strongly recommended for writing the MCAT.

#### Nursing

Program Length: 4 years

HSP: A Grade 12 math (min. 50%) is required. Recommended: Courses in science at the Grade 12 level.

#### Pharmacy\*

Program Length: 5 years

HSP: Biology 120 (min. 50%), Chemistry 120 or 121 (min. 50%) and Advanced Math 120 or 121 (min. 60%).

#### Science

Program Length: General: 3 years; Honours/Major: 4 years

HSP: Depending on major: Biology 120 (min. 50%), Chemistry 120 or 121 (min. 50%); Physics 120 or 121 (min. 50%). Most areas will require Advanced Math 120 or 121 (min. 60%); however, specific math prerequisites vary by program. For more information, please consult the University 1 STARTbook website at [umanitoba.ca/u1/startbook](http://umanitoba.ca/u1/startbook)

‡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