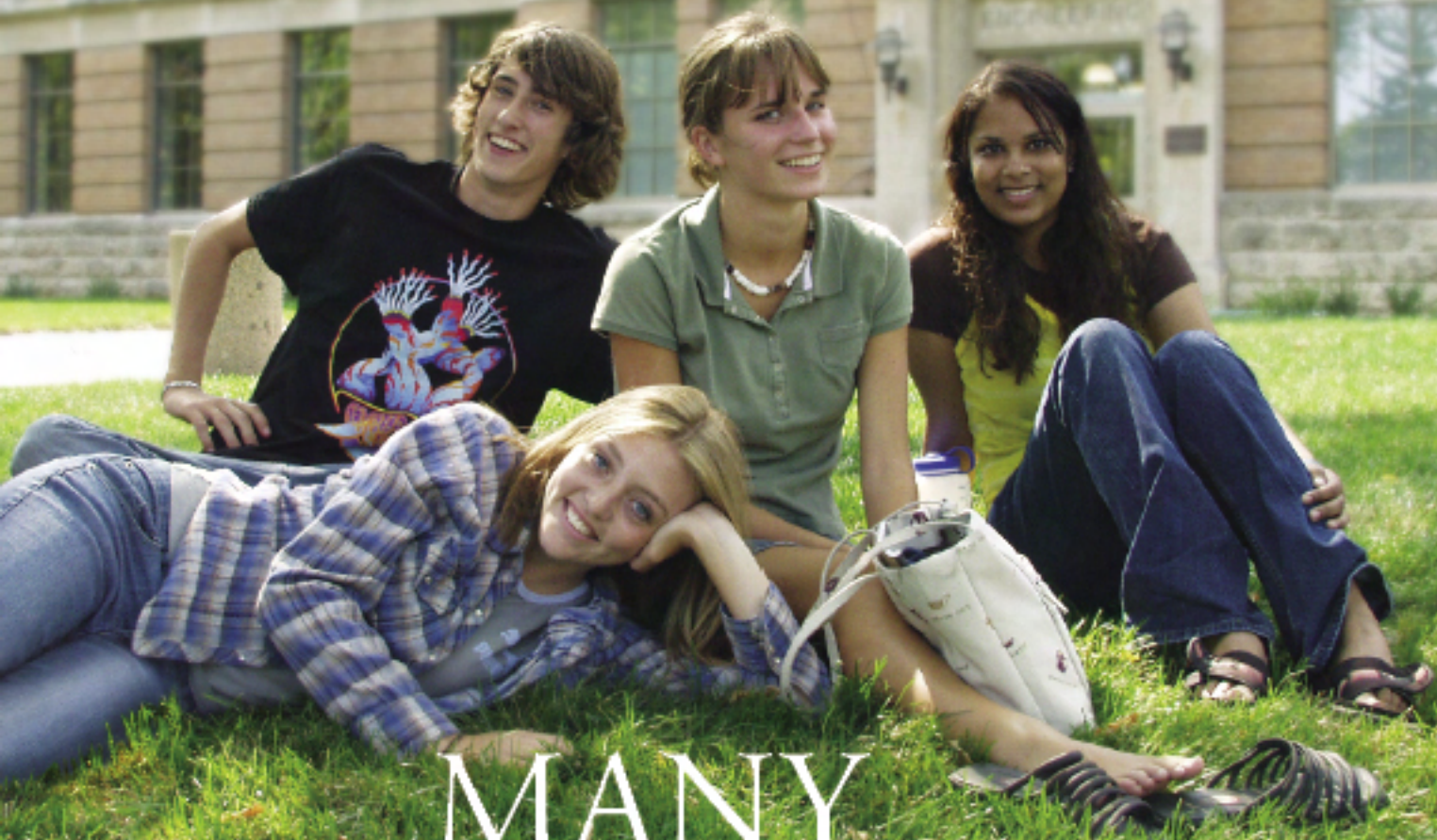


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Admissions Handbook 2008

STUDENT
AFFAIRS

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www.umanitoba.ca



UNIVERSITY
OF MANITOBA

The University of Manitoba

offers excellent academic programs in a broad range of disciplines at the undergraduate and graduate levels including University 1, a student-centered approach to first-year university that is unique in Canada.

The University of Manitoba is...

- Fully accredited and internationally recognized
- First university in western Canada, established in 1877
- A co-educational, non-denominational, government-supported university
- A member of the Association of Commonwealth Universities and of the Association of Universities and Colleges of Canada
- 82 undergraduate degrees, diplomas and certificate programs
- Over 26,000 Students (2006-2007)
- More than 22,000 Undergraduate Students
- 3,300 Graduate Students
- 2,500 International Students (9.5% of the student body)





Dr. Emőke J.E. Szathmáry
President and Vice-Chancellor

Why choose the U of M?

Accountability remains a guiding principle for the University of Manitoba and we are proud of our achievements. Following are a few examples:

- Half of our entering students have a high school average of 85% or more.
- For each dollar that a University of Manitoba student owes upon graduation, his or her counterpart at other Canadian universities owes on average, \$1.69. Nearly half of University of Manitoba students graduate with no debt at all.
* Source: Canadian University Survey Consortium 2006 Graduating Students Survey
- University of Manitoba retention rates compare favourably with those at other institutions. The retention rate at the University of Manitoba averages 80%.
- In first year, most classes have fewer than 50 students. By the fourth year of study, fully 94% of classes have fewer than 50 students and no classes have more than 100. Only 3% of first year classes have more than 200 students.
- Ninety-one per cent of the graduating students of spring 2006 said they were very satisfied or satisfied with their decision to attend the University of Manitoba, a satisfaction level higher than the Canadian average and higher than most students graduating from other medical-doctoral universities in Canada.

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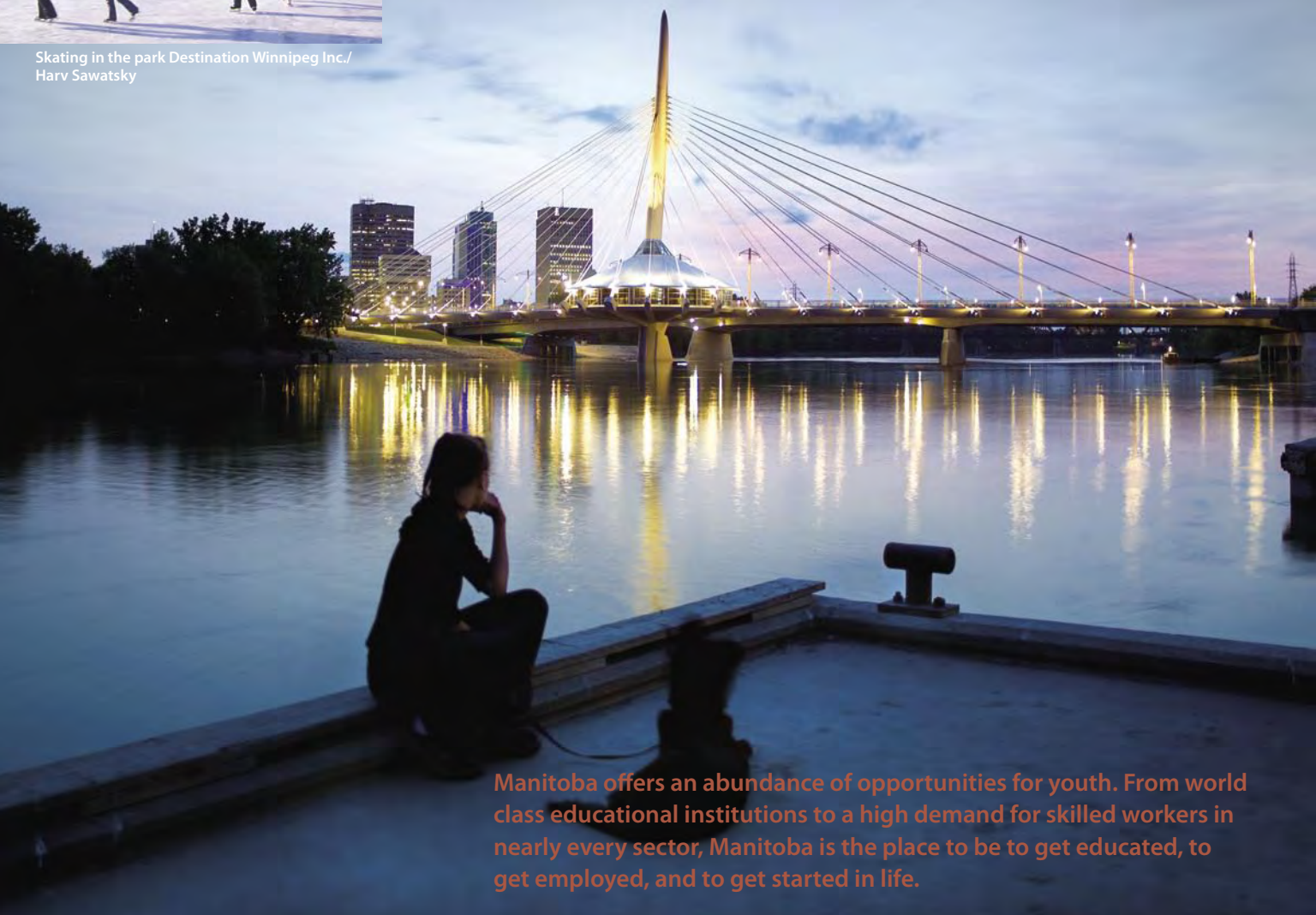
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Skating in the park Destination Winnipeg Inc./
Harv Sawatsky

Study, Work, Play, Live, Enjoy!



Manitoba offers an abundance of opportunities for youth. From world class educational institutions to a high demand for skilled workers in nearly every sector, Manitoba is the place to be to get educated, to get employed, and to get started in life.

Esplanade Riel Bridge Destination Winnipeg/
Grajewski Photograph inc

Winnipeg...

- the vibrant capital of Manitoba
- a city of close to 700 000 people from a large number of cultural backgrounds
- the average winter temperature is -12C and the average summer temperature is 26C
- communities within communities with people who love opening their hearts to new friends
- a four-season city with lots of sunshine and affordable living
- offers a wide variety of entertainment options in the arts, sports and recreation fields



One university with many leading edge researchers

More than ever before, University of Manitoba scientists, scholars, artists, and engineers are finding new collaborative ways to protect the environment, improve human health, advance technology, and strengthen communities in Canada and beyond. Climate change, infectious disease, and sustainable agriculture are just some of the areas in which many University of Manitoba researchers are changing our world for the better.

Here are just three examples of how our many researchers are finding innovative ways to address some of the most important challenges facing Canada and the world in the 21st Century.

Research at the Top of the World

David Barber, a Canada Research Chair* in Arctic system science and director of the Centre for Earth Observation Science, is leading one of the world's largest International Polar Year projects with more than 200 scientists from 15 countries, and including over 40 faculty members, research associates, graduate students, technicians, and support staff from the University of Manitoba. The project involves over-wintering the *Amundsen* in the Banks Island flaw lead in the Southern Beaufort Sea, the first time this has ever been done.




New HIV/AIDS Programs in India

James Blanchard, a Canada Research Chair* in epidemiology and global public health, is a researcher involved in a five year project to establish new HIV and AIDS prevention, care, support, and treatment programs in southern India. The project will focus on enhancing services for vulnerable and affected populations in 12 high-prevalence districts in the state of Karnataka, and in four coastal districts in the neighbouring state of Andhra Pradesh. The project builds on the University of Manitoba's international reputation as a leader in designing innovative programs to slow the spread of HIV/AIDS in developing countries.

Many Seeds of Knowledge

Trust Beta, a Canada Research Chair* in Food Science and Technology, is exploring ways to maximize the health benefits of whole grain foods through processing. Her research identifies the components in whole grain foods that play a major role in reducing obesity, cardiovascular disease, diabetes and cancer. Dr. Beta is at the forefront of food and nutritional sciences working to improve the health of all Canadians.

* The University of Manitoba has 48 Canada Research Chairs



One university helping many students succeed

Designed to Save Lives

Landscape architecture student **Alaina Prokopchuk** was the only Canadian among five international students who presented their designs at the international conference, *Tasmeem Doha 2007*, a sustainability-focused design conference in Qatar, featuring David Suzuki as a keynote speaker. Ms. Prokopchuk presented her design for a portable, inflatable water filtration unit, a system that could provide fresh water for victims of tsunamis and other natural disasters.

Hands-on experience

Engineering student **Andrea Kraj** was chosen to spend 10 months traveling to Denmark, Brazil, China and Egypt as part of the World Wind Energy Institute Programme. Kraj will take part in a global traineeship developed by the World Wind Energy Institute to provide students with a combination of hands-on experience and practical exposure to the best renewable energy technologies.



University of Manitoba students are among the most accomplished in the country.

Many of them are actively seeking ways to use the skills and knowledge they are acquiring in the classroom and laboratory to succeed academically, scientifically, and athletically. Their many triumphs make us proud and further cement our reputation as a university that offers its students opportunities to succeed.

Here are just four examples of how our students are finding innovative ways to apply what they have learned in the classroom to building a future of opportunity:

Volunteer Extraordinaire

Second-year student **Brendan Salakoh** was not only voted volunteer of the year by the Manitoban, the University of Manitoba student newspaper, but he was also the grand prize winner of Plan Your Winnipeg, a contest allowing young people to share their vision for revitalizing Winnipeg. Salakoh's vision titled *WinnShare: Social Change Through Volunteerism* is based on creating social change through community volunteerism.



The Winning Pitch

Asper School of Business students won the Ball State University Nascent 500 Business Plan Challenge in March, 2007. **Julian Klymochko** and **Lindsey Redding** had only 500 seconds in a limousine traveling on the Indianapolis Motor Speedway to pitch their business plan to a panel of venture capitalists. Klymochko and Redding pitched Nutralease, a drug delivery system designed to improve the solubility of certain drugs in the body. The pair took home \$10,000, a quart of milk, trophies, and enjoyed a 100-mph victory lap in the Indy 500 pace car.

Campus Life



The University of Manitoba offers all the services and facilities of a large university to support students, while maintaining the welcoming feel of a small community.

University Centre

University Centre is a hub of student and commercial activity and has a bookstore, a medical and a dental office, a travel agency, a florist, hairstylists, an insurance agency, a pharmacy, a post office, coffee shops, food services, and a bar/lounge. It also hosts a wide variety of event programming throughout the year.

Student Groups/Clubs

The University of Manitoba has approximately 100 student clubs, groups, and organizations. To find out more, visit University Centre during orientation week in September or visit umsu.ca.

University of Manitoba Students' Union (UMSU)

umsu.ca

UMSU plays a major role in offering students the chance to participate in a wide variety of special programming and social events. UMSU also lobbies the government for increased funding for post-secondary education, sponsors student bursaries, and supports the 'Peers' program of students helping students, Student Advocacy, and the food bank. UMSU also operates a host of student services such as 101.5 UMFH campus radio, car pool and tutor registries.

Orientation

The University of Manitoba welcomes new students by hosting a variety of events to help them get-to-know the campus and make new friends. Pre-registration information sessions are offered throughout the summer by various academic units, and a two-day orientation is held for first-year students in early September. The International Centre for Students also offers on-campus and off-campus orientations to help new international students and their families adjust to the campus, Canadian culture, and the academic system.

The College Experience

umanitoba.ca/colleges

Our colleges each offer a unique smaller community within the larger university community. We have four on-campus colleges to choose from including St. Andrew's College, St. John's College, St. Paul's College and University College. There is one off-campus college, Collège universitaire de Saint-Boniface (CUSB), where the language of instruction is French. The goal of each college is to provide a student with a "home base" where they can attend classes, study, eat, socialize, and relax. Each college welcomes students from all faculties and backgrounds. Colleges offer students many benefits including smaller classrooms, study space, lockers, organized social events, and close contact with member professors. The colleges also offer significant awards and scholarships to their members; many of which are open to international students.



A world of opportunity

Undergraduate Programs

The term “undergraduate” refers to the programming or courses taken prior to obtaining a bachelor’s or similar degree. At the undergraduate level, we offer an impressive list of 82 programs.



Professional Programs

At the University of Manitoba, a host of professional programs are offered including dentistry, law, medicine, pharmacy, physical therapy, and social work to name but a few.

Graduate Programs

Many departments and faculties offer graduate programs at the master and doctorate level for students who have completed the appropriate undergraduate (bachelor’s) degree. The programs are delivered through 21 different faculties that provide over 3000 Canadian and international students with a wide variety of options. For more information, visit umanitoba.ca/graduate_studies.



A starting point. A place to discover. A place to grow.

The University of Manitoba offers an extensive list of 108 undergraduate (bachelor, diploma and certificate levels), professional, and graduate (master and doctorate levels) programs.

A list of our programs and the levels offered can be found on the adjacent page.

Pre-Professional Studies

Many students begin their pre-professional program preparations at the University of Manitoba. Programs such as *Chiropractics, Forensics, Meteorology, and Marine Biology*, typically require a 3-4 year Science Degree for application and *Optometry* generally requires 2 years minimum in Science before application. *Journalism* and *Speech-Language Pathology* usually require a 3-4 year Arts Degree for application. A comprehensive *Pre-Veterinary Medicine* program is offered in the Faculty of Agricultural and Food Sciences as well as the Faculty of Science. See the faculty information sections in this handbook for more details.

Joint Programs

umanitoba.ca/rrc-programs

The University of Manitoba has teamed up with Red River College to offer joint programs or credit transfers in the following areas: *American Sign Language, Business Administration, Engineering, Management, Nursing, Social Work, and Transportation and Logistics*. For detailed information on Joint Programs and Articulation Agreements with Red River College, please visit the above website.

program codes

d	=	diploma program
m	=	minor (a secondary area of concentration available in some degree programs)
B	=	Bachelor’s Degree
LLB	=	Bachelor of Law
AB	=	Bachelor’s Degree: Advanced Major (Faculty of Arts only)

BM	=	Bachelor’s Degree: Major (Faculty of Science only)
H	=	Honours Bachelor’s Degree
P	=	Post-Baccalaureate Diploma
M	=	Masters Degree
D	=	Doctorate Degree
DMD	=	Doctor of Dental Medicine
MD	=	Doctor of Medicine

Programs available at the University of Manitoba

A

Aboriginal Business Studies	H	15
Aboriginal Governance Stream	AB	14
Accounting	H, P	15, 32-33
Actuarial Mathematics (Warren Centre)	H	15, 30
Aging	m	28*
Agriculture	d, B	12
Agricultural Economics/Agribusiness	B, M, D	12
Agroecology	B	12
Agronomy	B	12
Animal Science/Systems	B, M, D	12
Anatomy	M, D	30
Anthropology	m, B, AB, M, D	14
Applied Mathematics	BM, H	30
Architecture	M	13
Art History	m, B, H	21
Asian Studies	m, B	14
Athletic Therapy	B	23

B

Biochemistry	BM, H	30
Biochemistry & Medical Genetics	M, D	26
Biology	BM	30
Biosystems Engineering	B, M, D	19
Biotechnology	H	30
Botany	m, B, BM, H, M, D	30
Business Administration	M	15

C

Cancer Control	D	26
Canadian Studies	m, B, H, M	14
Catholic Studies	m	14
Central & Eastern European Studies	m, B, AB, H	14
Ceramics	d, B, H	21
Chemistry	m, B, BM, H, M, D	30
City Planning	M	13
Civil Engineering	B, M, D	19
Classics	m, B, AB, M	14
Commerce	H	15
Community Health Sciences	M, D	26
Computer Engineering	B, M, D	19
Computer Science	m, B, BM, H, M, D	30
Criminology	B	14

D

Deaf Studies	B	14
Dental Hygiene	d	16
Dentistry	DMD	17
Disability Studies	M	15*
Drama	B, AB	14
Drawing	d, B, H	21

E

Ecology	m, BM, H	30
Economics	m, B, AB, H, M, D	14
Education		18
Elementary Years Education	B	
Middle Years Education	B	
Senior Years Education	B	
Curriculum Teaching & Learning	M	
Post Secondary Studies	M	
Education Administration, Foundations & Psychology	M	
Post Baccalaureate	P	
Music Integrated	B	
St. Boniface College	B, M	
Electrical Engineering	B, M, D	19

English	m, B, AB, H, M, D	14
Entomology	M, D	12
Entrepreneurship/Small Business	H	15
Environment & Geography	M	20
Environmental Design	B	13
Environmental Science	m, B, BM, H	20
Environmental Studies	m, B, BM, H	20

F

Family Social Sciences	m, B, M	22
Film Studies	m, B, AB	14
Finance	H	15
Fine Art	d, B, H	21
Food Science	B, M	12
Food & Nutritional Sciences interdepartmental	D	12, 22
French	m, B, AB, H, M, D	14

G

Genetics	H, M, D	30
Geography	m, B, AB, H, M, D	20
Geological Sciences	m, BM, H, M, D	20
German	m, B, M	14
Global Political Economy	B, AB	14
Graphic Design	d, B, H	21
Greek	m, AB	14

H

History	m, B, AB, H, M, D	14
Human Anatomy & Cell Science	M, D	26
Human Ecology	B	14
Human Nutritional Sciences	B, M	14
Human Resources/Industrial Relations	H	15

I

Icelandic	m, B, M	14
Immunology	M, D	26
Interdisciplinary Studies	M, D	14
Interior Design	M	13
International Business	H	15
Italian	m, B, AB	14

K

Kinesiology	B	23
-------------	---	----

L

Labour & Workplace Studies	m, B, AB	14
Landscape Architecture	M	13
Latin	m, AB	14
Latin American Studies	m	14
Law	LL.B, M	24
Linguistics	m, B, AB, M, D	14
Linguistics/Deaf Studies	B	14
Logistics & Supply Chain Management	B	15

M

Management	m, H, M, D	15
Management Information Systems	H	15
Management of Organizations	H	15
Manufacturing/Mechanical Engineering	B, M, D	19
Marketing	H	15
Mathematical, Computational & Statistical Sciences	M	15
Mathematics	m, B, AB, BM, H, M, D	15, 30
Medical Microbiology	M, D	26
Medical Rehabilitation	B, M	25
Medicine	B, MD	26
Medieval & Renaissance Studies	m, B, AB	14
Microbiology	m, B, BM, H, M, D	30

Music		27
General	B, M	
Composition	B	
Performance	B, P	
History	m, B	

N

Native Languages	m	14
Native Studies	m, B, AB, M	14
Natural Resources Management	M, D	20
Near Eastern & Judaic Studies	m	14
Nursing	B, M	28

O

Occupational Therapy	M	25
Operational Research/Management	H, M	15
Oral Biology	M, D	17
Oral & Maxillofacial Surgery	M	17
Orthodontics	M	17

P

Painting	d, B, H	21
Pathology	M	26
Periodontics	M	17
Pharmacology & Therapeutics	M, D	29
Pharmacy	B, M, D	29
Philosophy	m, B, AB, H, M	14
Photography	d, B, H	21
Physical Education	B	23
Physical Geography	BM, H	20
Physical Therapy	B	25
Physics & Astronomy	m, B, BM, H, M, D	30
Physiology	M, D	30
Plant Science/Systems	B, M, D	12
Polish	m	14
Political Studies	m, B, AB, H, M	14
Printmaking	d, B, H	21
Psychiatry	M	26
Psychology	m, B, AB, BM, H, M, D	14, 30
Public Administration	M	14

R

Recreation Management & Community Development	B, M	23
Religion	m, B, AB, H, M, D	14
Respiratory Therapy	B	25
Russian	m, B	14

S

School Psychology	M	18
Sculpture	d, B, H	21
Social Work	B, M, D	31
Sociology	m, B, AB, H, M, D	14
Soil Science	M, D	12
Spanish	m, B, AB	14
Statistics	m, B, BM, H, M, D	30
Surgery	M	26

T

Theatre	m	14
Textile Sciences	B, M	22

U

Ukrainian	m, B	14
Ukrainian Canadian Heritage Studies	m, B, AB	14
Urban Studies	m	14

V

Video	d, B, H	21
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W

Women's Studies	m, B, AB, H	14
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Z

Zoology	m, B, BM, H, M, D	30
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* Option available in various programs

Program Options in the Faculty of Arts

		Minor	General Major	Advanced Major	Honours
Anthropology		4	4	4	
Classics	Classical Studies	4	4	4	
	Greek	4		4	
	Latin	4		4	
Economics		4	4	4	4
English		4	4	4	4
French, Spanish, Italian	French	4	4	4	4
	Spanish	4	4	4	
	Italian	4			
	Italian Studies		4	4	
German & Slavic Studies	German	4	4		4
	Polish	4			
	Russian	4	4		
	Ukrainian	4	4		
History		4	4	4	4
Icelandic		4	4		
Linguistics		4	4	4	
Native Studies	Native Studies	4	4	4	
	Native Languages (Cree & Ojibway)	4			
	Aboriginal Governance Stream with required Minor in Business			4	
Philosophy		4	4	4	4
Political Studies		4	4	4	4
Psychology		4	4	4	4
Religion		4	4	4	4
Sociology		4	4		4
Criminology			4		
Interdisciplinary					
Asian Studies		4	4		
Canadian Studies		4	4		4
Catholic Studies		4			
Central & East European Studies		4	4	4	4
Drama			4	4	
Film Studies		4	4	4	
Global Political Economy			4	4	
History of Art		4	4		
International Studies ¹					
Labour Studies		4	4	4	
Latin American Studies		4			
Medieval & Renaissance Studies		4	4	4	
Music		4		4	
Near Eastern and Judaic Studies		4			
Theatre		4			
Ukrainian Canadian Heritage Studies		4	4	4	
Women's Studies		4	4	4	4

¹International Studies is a major program offered at St. Boniface College only.

Program Options in the Faculty of Science

		General	Major	Honours
Biological Sciences	Biochemistry		✓	✓
	Biology		✓	
	Biotechnology			✓
	Botany	✓	✓	✓
	Ecology		✓	✓
	Genetics			✓
	Microbiology	✓	✓	✓
	Zoology	✓	✓	✓
Physical Sciences	Chemistry	✓	✓	✓
	Chemistry/Physics			✓
	Physics and Astronomy	✓	✓	✓
	Mathematics/Physics & Astronomy			✓
Mathematical Sciences	Actuarial Mathematics			✓
	Applied Mathematics with Options		✓	
	Mathematics	✓	✓	✓
	Mathematics/Economics			✓
	Statistics	✓	✓	✓
	Statistics/Actuarial			✓
	Statistics/Economics			✓
	Statistics/Mathematics			✓
Computing Sciences	Computer Science	✓	✓	✓
	Computer Science/Mathematics			✓
	Computer Science/Physics and Astronomy			✓
Interdisciplinary	Psychology		✓	✓

Minor options may be declared for Major and Honours programs in faculties other than Science and from the following departments in Science: Botany, Chemistry, Computer Science, Ecology, Mathematics, Microbiology, Physics and Astronomy, Statistics, and Zoology.

University 1

umanitoba.ca/u1

(204) 474-6209



Admissions

You must meet the general entrance requirements for the University of Manitoba, as described on pages 47 – 49. Please refer to the faculty pages in this handbook for specific high school prerequisites after your University 1 year.

The Learning Assistance Centre

- Appointments and walk-in service with a learning skills specialist available to discuss a wide variety of learning related issues
- Workshops designed to help students develop academic strengths and skills in writing, learning and research
- Writing Tutor Program
- Online Writing Tutor
- Online resources and handouts

Faculty Features

The University 1 Student Help Centre:

- Academic advising and referral services
- Reference library of faculty brochures and pamphlets
- Free phone and computer lab

"U1 was a learning experience in itself – it allows students the freedom and opportunity to choose a variety of courses. The U1 staff understands the mindset of first year students and they help you wade through the challenges of first year. It's great knowing there is always someone there when I need help."

– Judy Jayasuriya, U1 Student.

University 1 is the first year of your degree program. With University 1, you gain flexibility in choosing courses without adding extra time to completing your degree.

The faculties and schools at the University of Manitoba have collaborated to make the first year of your program adaptable, so you can meet the prerequisites for more than one faculty and have the ability to switch focus should you discover new interests, allowing you exploration, choice, and flexibility.

What we'll teach/offer you ...

- To adjust to university life and its academic demands
- To explore different course options
- To gain experience before you make academic or career decisions
- To make an informed choice – the best choice possible!
- Distinct programming options, including:
 - Introduction to University: ARTS 1100
 - Orientation
 - Academic advising
 - Academic supports

What we are known for ...

- **Customized Programs:** Create a program specific to your personal, academic, and career goals. Explore options while completing the requirements to one or more target faculties
- **Academic Advising:** The University 1 Student Help Centre is staffed by professional Academic Advisors who will counsel you about your options
- **Special Programming and Support Services:** We'll help you navigate through your first-year at the University of Manitoba

The value of University 1

We are dedicated to offering the support, services, and structure to first-year students to ensure they are well-prepared academically for the degree of their choice.

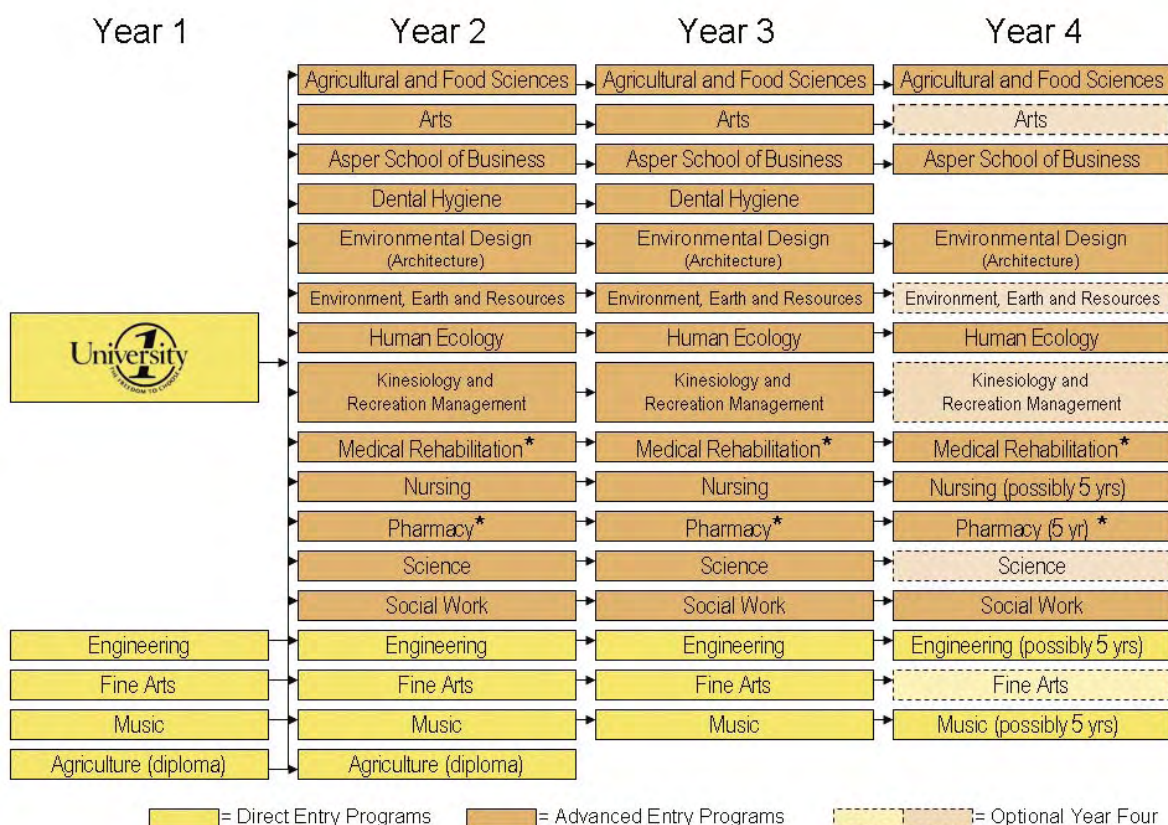
Did you know?

When first-year students participate in the services and programs designed to enhance their success, they are more likely to succeed in their studies.



Photo: Derek Ross

The choice is yours! In University 1, we offer over 200 courses from 13 different faculties and schools. Students enter their target faculty or school once they have met the entrance requirements and completed the appropriate admissions process. We provide programming flexibility while ensuring that you complete your degree in the same amount of time as similar programs in other universities, as demonstrated:



Please note that the faculties of Music and Engineering, the School of Art and the School of Agriculture (Diploma Program) continue to provide direct entry options from high school. The faculties of Law and Dentistry require two years of university before you can apply and the faculties of Medicine and Education require undergraduate degrees before application (see faculty pages in this handbook for more information).

* Residency Requirement: please see page 46 for details.

Agricultural and Food Sciences

umanitoba.ca/afs

(204) 474-9295



What we are known for ...

- A strong sense of community
- Recognition in Manitoba and internationally as a leading-edge research institution
- More jobs than students! We also offer an employment coordinator who can assist you with your job search

"The great thing about the Faculty is that there is a place for everyone; there are so many avenues you can take, from crop and animal studies to food and business and everyone helps each other out - it's a very close-knit group".

- Diane Smith
(student in Agroecology)

Did you know?

The Ft. Garry Campus alone includes 90 acres of field plots, poultry barns and working beehives.

We are leaders in providing education for the Manitoba agrifood industry.

We actively maintain a strong connection between industry and faculty, which translates into employers actively recruiting our students on campus. Our high professor-student ratio and award winning teaching staff create a superb learning environment.

What we'll teach you...

A strong practical foundation in science and business to undertake real-world and ever-changing challenges in food production, health and environment, such as greenhouse gas reduction, West Nile virus, or E. coli food contamination.

Degrees Offered

B.Sc. – Bachelor of Science (Agribusiness, Agriculture, Agroecology and Food Science); Diploma in Agriculture

Specializations

Diploma Programs: Agricultural Finance, Business Management, Crop Management, General Agriculture, Livestock Management

Degree Programs: Agribusiness, Agricultural Economics, Agroecology, Agronomy, Animal Systems, International Agribusiness, Food Science, Plant Biotechnology

Faculty Features

- Nearly 200 scholarships/bursaries valued at over \$365,000
- Small class sizes and award winning professors
- Co-op options
- World-class research facilities: Richardson Centre of Functional Foods and Nutraceuticals, Canadian Wheat Board Centre for Grain Storage Research, National Centre for Livestock and the Environment
- Opportunities to transfer from diploma to degree programs
- Innovative research in sustainable agriculture and environment, food safety and health, biofuels
- Exchange programs to US, Mexico and Europe also available

Career Information

Graduates from our programs are nationally well-recognized and are highly sought after for careers in agricultural research and development, banking and finance, business management, sales, food product safety and development, environmental consulting, animal nutrition, and crop advising. These positions are with agribusinesses and food processors, financial institutions, and government and research agencies.

Admissions

Direct Entry: Diploma program; high school graduation (or equivalent) is recommended. Degree; n/a

Advanced Entry: Degree program - 24 credit hours in U1 (or approved bachelors program)*

Program Length: Diploma - 2 years; Degree - 4 years; 5 years with co-op option

Quota: n/a

High School Prerequisites: Diploma - Grade 12 standing in English, Mathematics, and one science recommended; Degree - Math 40S (pre-calculus, min. 60%) required for all degree programs, Chemistry 40S (min. 50%) required for Agriculture, Agroecology Pre-Vet, and Food Science. Pre-veterinary students should include Physics 40S (min. 50%).

* See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Architecture

umanitoba.ca/architecture

(204) 474-9386



First faculty in Canada to offer four post-graduate degree programs in Architecture, City Planning, Interior Design and Landscape Architecture, all based on a comprehensive Environmental Design undergraduate program.

What we'll teach you...

- The Environmental Design program is the basis for examining the complex relationship between humans and the environments that we live in
- You will expand design knowledge and techniques through the study of design theory, design history, design technology, and communications/information technology

What we are known for...

- Many firms across Canada seek out our graduates because of our multi-disciplinary approach
- Each student is allotted a personal studio space where you'll draw, investigate, create, draft, build and express yourself
- Lifelong relationships are developed through close communication between professors, colleagues, and peers

Specializations

For undergraduate program:

Environmental Design

Graduate programs include: Architecture, City Planning, Interior Design, and Landscape Architecture

Career Information

- The multidisciplinary Environmental Design undergraduate degree will provide opportunities to work as designers and technologists in design firms. In addition, it is marketable in a variety of other design areas, such as consultation, visual communication, and furniture/product design.
- Graduate students become Architects, City Planners, Interior Designers and Landscape Architects

Did you know?

Our graduates are hired all around the world: from Seattle to Amsterdam, Beijing to Iqaluit, Edinburgh to Sydney

Faculty Features

- Architecture/Fine Arts Library: the largest collection in the country!
- Computer Aided Design Laboratory (CADlab)
- The Centre for Architecture Structures and Technology (C.A.S.T.) research laboratory
- Product Catalogue Collection: over 10,000 material resources
- The Workshop: create scale models and furniture/product prototypes

Degrees Offered

B.Env.D - Bachelor of Environmental Design

M.Arch. - Master of Architecture

M.C.P. - Master of City Planning

M.I.D. - Master of Interior Design

M.L.Arch. - Master of Landscape Architecture

Ph.D. in Design and Planning
(starting fall 2008)

"Today I find myself running the marketing department of a multinational corporation



and I know that this success is only due to the growth, commitment, and diligence that the Faculty of Architecture demands of their graduates, expanding our minds and opening doors to our futures."

- Catherine Thomas (BEnvD 2002)
Marketing Director at EQ3

Admissions

Direct Entry: n/a

Advanced Entry: 30 credit hours of university level course work.*

Program Length: 4 years **Quota:** 100

High School Prerequisites: None

* See U1 startbook or umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Arts

umanitoba.ca/arts

(204) 474-9100



What we are known for...

- Our world-class teaching professors
- Our extensive international study opportunities
- The only Icelandic Studies program outside of Iceland
- An expansive range of classical and modern languages
- Archaeological “digs” in the ancient Mediterranean world and in North America
- Opportunities to conduct world-class scholarly work and research directly with professors

Faculty Features

- a modern language lab
- a multi-media lab

Distinguished Grad

Kathleen Sexsmith
(B.A.Hons./2005 and Gold Medalist in Arts)



Kathleen won the prestigious Commonwealth Scholarship award from the University of Oxford to pursue a Master of Philosophy degree (MPhil) in Development Studies.

For a complete list of program options in Arts, please see page 8.

We offer more Social Sciences, Humanities and interdisciplinary courses than any other university in Manitoba!

With over 4000 students, we are also the largest faculty at the University of Manitoba. This past year alone, our faculty has received over 2 million dollars in research grants, published books, edited journals, produced films, and graduated students with too many accolades to mention.

What we'll teach you...

- Effective oral and written communication
- How to express the results of analysis and evaluation
- Problem solving and pattern intelligence
- To conduct research and organize material effectively
- To use independent judgment and ethical decision-making
- Awareness of individuals and a tolerance of cultural differences
- Evaluative, critical and creative thinking

Career Information

Skills valued the most by employers are those that involve communication, research, adaptability and decision making; with a degree in Arts, you will develop proficiency in all these areas as well as gain personal fulfillment and career-readiness through a solid, broad based education. A degree in Arts can lead to a variety of promising careers in business, government, management or education. Job titles include: Market Research Analyst, Communications Officer, Employment Equity Officer or Volunteer Coordinator.

Degrees Offered

- B.A. - Bachelor of Arts (General)
- B.A. Adv. - Bachelor of Arts (Advanced)
- B.A. Hons. - Bachelor of Arts (Honours)

Admissions

Direct Entry: n/a	Advanced Entry: 24 credit hours in U1 (or approved bachelors program)*.
Program Length: 3 years for General Degree, 4 years for Advanced or Honours Degrees	
Quota: n/a	High School Prerequisites: None

* See U1 startbook or umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.



Asper School of Business

umanitoba.ca/asper

(204) 474-6388

We cut through the ordinary to provide a truly exceptional student experience. You will join an elite group of 1,500 top-quality students and 100 world-class faculty members.

You become part of a dynamic community of learning with access to Manitoba's business leaders through the Associates, Manitoba's premier business network.

What we'll teach you...

- Strong analytical and communication skills
- A thorough understanding of business principles
- A spirit of entrepreneurship

What we are known for...

- Connections with the local business community
- Success in placing at national and international business competitions
- Commerce Students' Association - organizes and promotes multiple events throughout the year
- AACSB Accreditation - The Association to Advance Collegiate Schools of Business
- Excellent and relevant learning opportunities, business skills, and knowledge
- Joint Programs with Manitoba colleges
- Aboriginal Business Education Program (see page 34)
- International Exchange Program
- Co-operative Education Program

Specializations

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

Faculty Features

- Asper Centre for Entrepreneurship
- Career Development Centre
- Warren Centre for Actuarial Studies and Research
- Transport Institute
- Behavioural Research Marketing Lab
- Student Organizations and Professional Affiliations
- A.D. Cohen Management Library

Degrees Offered

B.Comm. (Hons.) – Bachelor of Commerce (Honours)

Asper MBA - Asper Master of Business Administration

M.Sc. - Master of Science (Management)

Ph.D. - Doctor of Philosophy (Management)

Career Information

- Local, national and international firms recognize the excellence of our programs and recruit graduates vigorously
- Work in careers such as: Investment Banking Associates, Financial Analysts, Actuarial Specialists, Financial Service Representatives, Policy Analysts, Human Resource Officers, Accountants, Business Systems Coordinator, Client Service Managers, Logistics Officers, Product Managers and Technology Specialists

"What we learn in the classroom is important, but how we apply that knowledge is even more important! The Asper School gives you real-life opportunities to apply the theories and topics that you learn in your courses"



Did you know?

Our students have won 27 first-place finishes in national and international business competitions since 1995!

Admissions

Direct Entry: Guaranteed admission with 90% or greater average on qualifying high school courses plus 24 hours of qualifying courses in U1 with minimum grade of 'C'. *

Advanced Entry: minimum 24 credit hours of qualifying courses (minimum grades required: admission is competitive).

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

Quota: 420

High School Prerequisites: Math 40S (pre-calculus) minimum 60%.

*See umanitoba.ca/u1/startbook/ for details or umanitoba.ca/admissions/media/business.pdf. * For Canadian/International admission requirements, see pages 43-51.

Dental Hygiene

umanitoba.ca/faculties/dentalhygiene
(204) 789-3683

"With changes to dental hygiene legislation in Manitoba which granted self-regulation for dental hygienists, I am hopeful that we will be able to provide care to a broader range of clients in more non-traditional settings, increasing access to preventive dental services for underserved populations."

- Amber Pushka, Dental Hygiene 2nd year



Credentials Offered

Diploma in Dental Hygiene

Career Information

- Work in a variety of environments: private dental offices, community health clinics, hospital dental clinics, and public health facilities
- Full accreditation by the Commission on Dental Accreditation of Canada (ensuring licensure across Canada)

Did you know?

Dental Hygiene has been listed as one of the top health professional careers in the country and is also one of the higher paying!

As one of only four university-based dental hygiene programs in Canada, we have a reputation for excellence.

Our students receive extensive experience in our clinical and community health programs; we win national awards and are considered to be the best in the country. Our graduates are sought after throughout Canada and have an excellent record of employment.

What we'll teach you...

- Foundations in the basic, social, dental hygiene, and clinical sciences
- Over 600 hours of hands-on clinical practice with clients
- Northern outreach programs to provide dental hygiene care and health promotion activities to underserved populations
- To provide dental hygiene education to individuals of all ages
- To be excellent communicators, health promoters, clinicians, translators of knowledge, client advocates, change agents, and leaders

What we are known for...

- National Teaching Awards for excellence
- Collaboration with dentistry and other health professionals
- Renowned research and leadership
- Comprehensive community outreach programs

Specializations

Clinical Practice, Education, Health Promotion, Periodontal Therapy

Faculty Features

- State of the art Preclinical Simulation Laboratories
- Newly renovated clinical facilities
- Community and Northern Outreach Programs
- International Exchanges available

Admissions

Direct Entry: n/a	Advanced Entry: 30 credit hours in U1 (or approved bachelors program).*
Program Length: 3 years	Quota: 26
High School Prerequisites: Chemistry 40S (min. 50%) and Math 40S (min. 50% pre-calculus or applied). Biology 40S recommended.	

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.



Dentistry

umanitoba.ca/dentistry

(204) 789-3631

The Faculty of Dentistry is an integral part of the Bannatyne Campus. In the midst of over 26,000 University of Manitoba students, this unique environment with small class sizes provides students with comprehensive clinical and classroom training in our state-of-the-art facilities that are renowned in North America.

What we'll teach you ...

- Basic sciences
- Prevention
- Comprehensive clinical care
- Communication
- Career management skills
- Oral health technology

Degrees Offered

D.M.D. - Doctor of Dental Medicine

Career Information

Students strengthen professional self-confidence, efficiency, technical excellence, and clinical judgment through experience in a community setting. Students are exposed to individuals from a variety of economic, domestic, cultural, and ethnic backgrounds which allows them to grow as individuals and professionals.

What we are known for ...

- Early clinical exposure to patients, starting in first year
- Community service learning where students participate in the treatment of unique populations at locales outside of the dental school
- Evidence-based approaches to learning, ensuring students make clinical decisions based on the best scientific evidence available

Specializations

Dental Internships, Oral Biology, Oral & Maxillofacial Surgery, Orthodontics, Periodontics

Faculty Features

- Recent \$1.2 million facilities upgrade
- A unique mentorship program that pairs fourth year students with local dentists through the Manitoba Dental Association
- Centre for Community Oral Health (CCOH) gives students learning opportunities to work with underserved populations in Manitoba, where they can provide oral health care to those most in need.



"The choice was simple: the reputation of this Faculty. Some of the most striking features of this school are the relatively small number of students in each class, excellent student-to-teacher ratio, friendly and welcoming instructors, professors and staff. They make an effort to take part in your education process and help you along the way. These features combined make the Faculty of Dentistry at the University of Manitoba a great place to learn and prepare for your future!"

- Andrej Brasko
(Second year Dentistry student)

Did you know?

We tend to approximately 30,000 patients in various in house and community outreach programs each year.

Admissions

Direct Entry: n/a | **Advanced Entry:** 60 credit hours in U1 and/or an approved bachelor's program*, Canadian English DAT exam, and a personal interview

Program Length: 2 years of university coursework plus 4 years of Dentistry. | **Quota:** 29

High School Prerequisites: Chemistry 40S (min. 50%), Math 40S (min. 50% pre-calculus or 70% applied), Physics 40S (min. 50%). Biology 40S is recommended.

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Education

umanitoba.ca/education

B.Ed. and International Educated Teachers Programs:

(204) 474-9004

P.B.D.E. Program: (204) 474-7886



It was great to work with experienced collaborating teachers and to learn through lots of practical hands-on experiences.

- Chelsey Bernhard, B.P.E. /05, B.Ed. /07



Sample Careers

- Classroom Teacher
- English as an Additional Language Teacher (EAL)
- Adult Educator
- Special Education Teacher
- Curriculum Designer
- Education Instructor/Professor
- Health Educator
- Principal
- Education Researcher

NOTE: some titles listed above may require further schooling

Did you know?

Our Faculty has more undergraduate bursaries available for students than any other faculty on campus.

In our Bachelor of Education program, you'll learn by the "cohort" method, where all your classes are in a group that acts as a supportive network of like-minded people creating a feeling of a small campus within a large university.

What we'll teach you...

- The Manitoba professional teaching certification requirements
- A program combining coursework, professional development and in-school experience
- Mentorship opportunities from experienced teachers in urban and rural settings

We are known for...

- Our annually elected Education Student Council facilitates several social and professional development events throughout the year, including an Ed Expo, Manitoba's largest teacher information/recruitment fair

Degrees Offered

B.Ed. – Bachelor of Education; Bachelor of Music/Education Integrated Program

P.B.D.E. – Post-Baccalaureate Diploma in Education

M.Ed. – Master of Education

Ph.D. – Doctor of Philosophy (Education)

Faculty Features

- Education Access Program – provides support for Aboriginal people, residents of Northern Manitoba and low-income earners
- IET – an academic and professional bridging program designed for individuals with international teaching credentials
- Numerous technology-designated teaching facilities, including a computer lab specifically for Education students
- Free distinguished lecture series during the academic year

Specializations

Early Years, Middle Years, Weekend College (also "Middle Years"), Senior Years, Integrated Bachelor of Music/Bachelor of Education program

Admissions

Direct Entry: n/a

Advanced Entry: 90 credit hours and graduation from first degree with sufficient credit hours in teachable subject areas.*

Program Length: first degree plus 2 years of Education

Quota: 70 for each of Early and Middle years, 140 for Senior years

High School Prerequisites: Depends on subject areas one plans on teaching.*

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Engineering

umanitoba.ca/engineering

(204) 474-9807



Employers throughout Canada indicate the University of Manitoba as one of the top schools from which to hire students; most of our graduates find employment soon after graduation.

Our Aboriginal programs and engineering design courses are second to none and all of our programs are accredited by the Canadian Engineering Accreditation Board, recognized in seven other countries.

What we'll teach you...

- To find solutions to challenges or needs and develop the technological tools for their implementation, e.g. a computer chip, a hydro dam, an artificial hip
- The relationships between technology and society, sustainability, legal issues, and professional obligations
- To be a leader and manager in times of rapid change and globalization

Specializations

Biosystems, Civil, Computer, Electrical, Manufacturing, Mechanical

Faculty Features

- A new \$56 million teaching, research, and laboratory complex (EITC)
- Exchange programs available
- Aerospace and Environmental options
- Engineering Access Program (ENGAP), for Aboriginal students
- World class labs! Including: Microwave Anechoic Chamber, Heavy Structures Testing, Materials Testing, Environmental Laboratories, Hydraulics Research and Testing Facility and a Nano-fabrication Facility

Career Information

Our graduates work in a variety of areas and capacities, such as manufacturing plants, laboratories, construction projects, aerospace programs, private consulting companies and government agencies.

What we are known for ...

- Some of the best design programs of any engineering school in Canada
- Industry-generated real-life team-based projects starting in first year
- Having the ONLY Associate Dean of Design Education in the country

Student Profile

Lealem Mulugeta
(B.Sc. Mech. Eng.
2005)



After graduation, Lealem worked for Magellan Bristol Aerospace as a design engineer and was twice chosen to crew the Mars Desert Research Station in Utah, a replica of a real research station on Mars. He has since come back to the University of Manitoba to complete his Masters degree in Engineering.

Did you know?

Engineering is considered a professional degree, meaning higher pay than most undergraduate degrees.

Admissions

Direct Entry: High school graduation (or equivalent), including a minimum average of 85% across Chemistry 40S (min. 60%), Pre-Calculus Math 40S (min. 60%), and Physics 40S (min. 60%).

Advanced Entry: 24 credit hours in U1 (or approved bachelors program).*

Program Length: 4-5 years

Quota: 400

High School Prerequisites: Chemistry 40S (min. 60%), Pre-Calculus Math 40S (min. 60%), and Physics 40S (min. 60%).

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

The Clayton H. Riddell Faculty of Environment, Earth, and Resources

umanitoba.ca/environment
(204) 474-7252

Faculty Features

- Centre for Earth Observation Science (CEOS)
- Environmental Conservation Lab (ECL)
- Ultra-Clean Trace Element Lab (UCTEL)
- Microbeam and Image Analysis Laboratory
- X-Ray (Mineralogy and Crystallography) Laboratories
- High Temperature and Pressure Experimental Laboratory
- Canadian Research Icebreaker
- State of the art Computer labs
- Star Lake field station

"I came into geology as a mature student from the mining side and I could not have found a better career choice than field mapping. I go to work every day with a smile!"



- Linda Murphy
(B.Sc., G.Sc. Grad./06)

Did you know?

Honours and Major Geology or Geophysics programs can lead to opportunities around the world



Our faculty is the first of its kind in Western Canada. Today's environmental challenges require research, education, and training beyond traditional disciplinary boundaries.

We draw on a variety of areas (Geological Sciences, Environmental Sciences, Environmental Studies, and Geography) to examine the complex relationships between the environment, the Earth, natural resources, and society at large.

What we'll teach you...

- Co-operative education and practical experience
- Hands-on learning in labs, during field schools, and on field trips
- An interdisciplinary and holistic understanding of the environment
- Specialization in programs based on individual interests

What we are known for...

- Our work in environments all over the world, including the Arctic, North and South America, Africa, Asia, Australia, and Europe
- Our worldwide recognition for producing graduates who are leaders and marketable in the workplace
- Our commitment to students, a sense of community, successful graduates, and cutting-edge research
- Internationally renowned faculty, staff, and adjunct members
- Our central location, which lends itself to opportunities for research on landscapes, topographical features, and aquatic systems

Specializations

Atmosphere & Hydrological Sciences, Biogeography, Conservation and Biodiversity, Environmental Health, Geomatics, Human Geography, Land Systems, Mineral and Petroleum Resources, Native Studies, Natural Hazards and Disasters, Natural Resource Management, Northern Environments, Paleontology, Climate Change, Policy and Law, Regional Geography, Stewardship, Sustainable Development, Toxicology, Urban and Rural Development, Water Resources, Wildlife Management

Degrees Offered

B.A. – Bachelor of Arts in Geography (General, Advanced and Honours Degrees)

B. Env. Sc. – Bachelor of Environmental Science (General, Major and Honours Degrees)*

B. Env. St. – Bachelor of Environmental Studies (General, Major and Honours Degrees)*

B.Sc. G.Sc. – Bachelor of Science in Geological Sciences (General, Major and Honours Degrees)*

B.Sc. PhG. – Bachelor of Science in Physical Geography (General, Major and Honour Degrees)*

* Co-op option available

Professional Opportunities

Too many to mention! For a complete list of job titles see umanitoba.ca/environment

Admissions

Direct Entry: n/a **Advanced Entry:** 24 credit hours in U1 (or approved bachelors program).*

Program Length: General Degree 3 years, Honours/Major 4 years **NOTE:** Co-op option available. **Quota:** n/a

High School Prerequisites: Environmental Science: Chemistry 40S, Math 40S (pre-calculus min. 60%), Physics 40S. Biology 40S recommended. Environmental Studies: Math 40S. Biology 40S recommended. Geology, Geological Sciences (General) and Physical Geography: Chemistry 40S; Math 40S (pre-calculus min. 60%), Physics 40S. Geophysics: Math 40S (pre-calculus min. 60%), Physics 40S. Geography (B.A.): none

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.



Fine Arts

umanitoba.ca/schools/art
(204) 474-9367

We are one of the first degree-granting art schools in Canada, founded in 1913. We offer an exciting and forward-thinking environment in order to produce art.

Our graduates are internationally recognized in both studio and art history. Our faculty consists of practicing creative professionals who are knowledgeable and committed to fine art and teaching.

What we'll teach you...

- A positive, challenging and stimulating educational experience
- To create images, designs, forms, or moving images through experimentation and guided instruction
- Encouragement in your critical thinking, originality and artistic skill
- Thoughtful reflection with a focus on combining content and technique

What we are known for...

- Developing visual artists and art history scholars who combine creative thinking, visual ideas, technical skill, and a strong background in history and culture

Specializations

Art History, Ceramics, Drawing, Graphic Design, Painting, Photography, Printmaking, Sculpture, Video

Degrees/Credentials Offered

- B.F.A. – Bachelor of Fine Arts
- B.F.A. (Hon.) – Bachelor of Fine Arts (Honours) – Studio and Graphic Design only
- B.F.A. Art History – Bachelor of Fine Arts in Art History
- B.F.A. Art History (Hon.) – Bachelor of Fine Arts in Art History (Honours)
- Diploma in Art

Professional Opportunities

Archivist, Art Director/Publisher, Art Historian, Art Therapist, Conservator, Creative Entrepreneurship, Cultural Arts Manager, Curator, Educator, Fashion Designer, Gallery Director, Professional Artist, Researcher, Set Designer, Video/New Media Designer

Distinguished Grads

- Sarah Anne Johnson (B.F.A. Hons. 2004) was invited to teach photography at Yale and her works were purchased recently by the Guggenheim Museum of Art in N.Y.
- Marcel Dzama (B.F.A. Hons. 1997) currently lives in N.Y. where he creates varied art forms and was profiled this year in Vanity Fair magazine

Faculty Features

- Gallery One One One presents major art exhibitions and holds collections of international significance. It houses the FitzGerald Study Collection and The School of Art Permanent Collection.
- Three locations on campus: The FitzGerald Building and Printmaking Annex, Ceramics/Sculpture Building, and the Fine Arts Barn
- Digital media labs, printmaking, a video production studio, and the Art History Research and Study Centre
- The Gallery of Student Art (GOSA), located in University Centre, is open to display art by all students in a high exposure environment
- Close ties with the Winnipeg Art Gallery and many others in the city that show our students' work

Did you know?

We have field trips to major Fine Art centers in North America!

Admissions

Direct Entry: Studio Degree: completion of high school (or equivalent) with required courses and portfolio; Art History Degree: n/a; Diploma in Fine Arts: completion of high school (or equivalent) with required courses plus portfolio or mature student status and portfolio.*

Advanced Entry: Portfolio required.

Program Length: 3 – 4 years

Quota: Studio Degree 100, Art History Degree 15, Diploma 25

High School Prerequisites: none

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Human Ecology

umanitoba.ca/human_ecology
(204) 474-8508



Our graduates have all the right skills needed to succeed in finding interesting and diverse employment opportunities.

Degrees Offered

- B. H. Ecol. (FSS) - Bachelor of Human Ecology, Family Social Sciences
- B. H. Ecol. - Bachelor of Human Ecology
- B. H. Sc. - Bachelor of Health Sciences
- B. H. St. - Bachelor of Health Studies
- B. Sc. (HNS) - Bachelor of Science in Human Nutritional Sciences
- B.Sc. (TS) - Bachelor of Science in Textile Sciences

Professional Opportunities

Apparel Designer, Child and Family Services Worker, Child Development Facilitator, Children's Counsellor, Communications Officer, Employment Development Counsellor, Government Extension Worker, International Development Nutritionist, Marketing Analyst, Medical Sales Representative, Nutritionist/Dietitian, Parent Educator, Policy Analyst/Researcher, Product Developer, Quality Laboratory Supervisor, Research Scientist in Medical or other Technical Textiles, Retail Buyer, Small Business Consultant, Textile Testing Technologist, Trade Controls Officer

Our programs focus on health with applications to the individual, families, and communities. We have a one of a kind program in western Canada that will prepare you for a range of challenging careers in areas of Family Social Sciences, Health, Nutrition, and Textile Science.

What we'll teach you ...

- To create healthy changes in Canadian society
- To invent products that make our living environments safe
- To prevent disease
- To affect global health
- To deliver health services

What we are known for ...

- Interdisciplinary approach to knowledge
- Pre-selection for dietetics internship in Human Nutritional Sciences
- A Food Industry Option
- Health Sciences and Health Studies degrees – New for 2007!

Specializations

Family Social Sciences, Health Sciences, Health Studies, Human Nutritional Sciences, Textile Sciences, the General Human Ecology degree

Faculty Features

- The Weston Sensory Food Research Centre
- CAD Textile lab under construction
- Field and practicum placements in your field of study
- Barbara Burns Food Innovation Laboratory
- Research Centre focused on Life Course Health
- A student lounge and student computer lab
- An undergraduate study room

Distinguished Grads

After graduation, Lavonne Harms (B.Sc. HNS/1998) completed a dietetic internship at Health Sciences Centre in Winnipeg. Today, she is the Project Coordinator for Healthy Smile Happy Child, a provincial health promotion initiative to prevent early childhood tooth decay.

Admissions

Direct Entry: n/a

Advanced Entry: 24 credit hours in U1 (or approved bachelors program).*

Program Length: 4 years

Quota: 80 students per program

High School Prerequisites: Chemistry 40S (min. 50%) and Math 40S (applied or pre-calculus math min. 50%) required for in chemistry courses in Human Nutritional Sciences, Health Sciences, and Textile Sciences only. Physics 40S is required for Engineering Sciences in the Textile Products program. Family Social Sciences, Human Ecology, and Health Studies require Math 40S (any level, min. 50%).

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Kinesiology and Recreation Management

umanitoba.ca/kinrec

(204) 474-9747

We have exciting new developments in areas of human movement, leisure, recreation and health.

We apply current research into our programs so students can get an education that's relevant and highly competitive. We have a commitment to enhance the professional capabilities of future educators, and to serve the wellness needs of our communities, schools, businesses, and industrial sectors.

What we'll teach you...

To develop the knowledge and practical skills needed in areas of physical and health education, human movement, leisure, health, and well-being.

What we are known for...

- A curriculum that prepares you for your profession
- Fieldwork placements
- Award-winning professors, instructors, and staff
- Small classes
- Supportive community and environment
- Career opportunities in high demand areas
- Our numerous scholarship and bursary programs

Areas of Emphasis

Aging, Athletic Therapy, Coaching, Community Development and Wellness, Culture and Diversity, Fitness Professional, Sport and Event Management, Sustainable Tourism and Recreation, Teaching

Faculty Features

- Our faculty encompasses three buildings, the Frank Kennedy Centre, Max Bell Centre, Investors Group Athletic Centre and the Joe Doupe Centre (downtown Bannatyne Campus)
- Health, Leisure and Human Performance Research Institute, directed by Dr. Phillip Gardiner, a Tier I Canada Research Chair
- Sport and Active Living Centre (SALC) - complements academic curriculum by providing access to wellness programs, professional development, and training. It is made up of Bison Sports, Children's Programs, Recreation Services, Athletic Therapy Centre, and Athletic Facilities.

Admissions

Direct Entry: n/a

Advanced Entry: For all programs, 24 credit hours in U1 (or approved bachelors program).*

Program Length: Total of 4 years for B.Kin. and B.R.M.C.D., and 3 years for B.P.E. program

Quota: B.P.E. 60; B.Kin. 40; B.Kin.(AT) 20; B.R.M.C.D. 40

High School Prerequisites: B.Kin. and B.R.M.C.D: Math 40S (any level) required, Biology 40S, Chemistry 40S, Physics 40S recommended (but not required) for B.Kin. and B.P.E.

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Degrees Offered

B.Kin. - Bachelor of Kinesiology (includes Athletic Therapy stream)

B.R.M.C.D. - Bachelor of Recreation Management & Community Development

B.P.E. - Bachelor of Physical Education

Sample Career Titles

Certified Athletic Therapist (CAT), Coach or Assistant Coach, Conference and Event Planner, Exercise Physiologist, Geriatric Recreational and Leisure Activities Coordinator, Health Promoter, Kinesiologist, Personal Trainer or Fitness Appraiser, Physical Education Teacher (various grades and levels), Recreation, Sports and Fitness Program Director, Researcher, Sport or Recreation Consultant, Tour and Travel Manager, Tourism Information Officer

"I'm proud. We are going to have an extremely important role in the next 10 years when we're in a permanent position out in society trying to function and make it better."

- Comments from a student at a recent focus group discussion

Did you know?

Graduates from the Athletic Therapy program often boast of having the highest success rates in their National CATA exams, every year, across Canada!

Law

umanitoba.ca/law
(204) 474-7580



Faculty Features

- Student Services Centre; assistance in admissions, financial aid & career development
- “Smart” electronic classrooms
- The Centre for Research and Graduate Studies
- The Manitoba Law Journal
- The University Law Centre
- The Marcel A. Desautels Centre for Private Enterprise and the Law
- The Academic Support Program to help recruit and retain Aboriginal students
- The E.K. Williams Library

Distinguished Grads

A few of our notable graduates involved in the arts, community, philanthropy, business, politics and private practice include:

Hon. Mr. Justice Marshall Rothstein ('66), Justice of the Supreme Court of Canada; Hon. Madam Justice Eleanor Dawson ('76) of The Federal Court; and most members of the Manitoba Courts, Israel (Izzy) Asper ('57), Gerry Schwartz ('66), and Michael Phelps ('70), Sterling Lyon ('53), Howard Pawley ('61), Gail Asper ('84), Arthur Mauro ('53), Bill Norrie ('55), Marion Meadmore ('77), Sacha Paul ('02), Jennifer Jones ('99)

Sample Career Titles

Arbitrator and/or Mediator, Business Advisor, Civil Servant, Consultant, Journalist, Judge or Hearing Officer, Legislative Assistant, Politician, Practicing Lawyer (private practice, government or in-house legal counsel), Professor/Educator, Sports Agent

Founded in 1885, we are the oldest law school in western Canada.

Our Faculty offers a close-knit, collegial academic environment and is nationally recognized for excellence and leadership in learning, teaching, and research in law. We are renowned for our rigorous, dynamic, and interdisciplinary approach to the study of law and for our excellent research facilities.

What we'll teach you ...

- Practical experience by working closely with professors and practicing lawyers. A balance between doctrinal, clinical and perspective courses, contributing to an understanding of the law, its application, and role within a civil society.
- Opportunities to develop, under supervision, some of the research, writing, and forensic skills which will prove useful in the practice of law.

Degrees Offered

LL.B. - Bachelor of Laws

LL.M. - Master of Laws

What we are known for ...

- Our advocacy program, where students progressively build upon skills learned in each year of law school
 - ~ Year I - prepare and present an oral motion
 - ~ Year II - prepare and present a trial and then take the matter on to appeal
 - ~ Year III - build upon these skills through courses such as advanced advocacy and administrative law, family law or criminal law
- Numerous awards in a variety of regional, national, and international moot court competitions including the Sopinka Cup, which we've won three times, including last year, in the eight years that the competition has existed.

Specializations

Administrative Law, Alternative Dispute Resolution, Contract Law, Corporate Law, Criminal Law, Family Law, Human Rights, International Law (private and public), Jurisprudence, Private Enterprise, Property Law, Tort Law

Admissions

Direct Entry: n/a	Advanced Entry: 60 credit hours in U1 (or an approved bachelor's program), plus a Law School Admission Test (LSAT)
Program Length: 5 years	Quota: 106
High School Prerequisites: none	

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.



Brooke McKenzie in the Western Arctic

Medical Rehabilitation

umanitoba.ca/medrehab
(204) 789-3674

Physical Therapy (204) 789-3814
Respiratory Therapy (204) 474-8814
Occupational Therapy¹ (204) 789-3674

We offer a broad-based education so our graduates can work in clinical practice anywhere across Canada.

We offer two undergraduate professional programs: Physical Therapy and Respiratory Therapy. Our students experience unparalleled support from the clinical community. All our programs are nationally accredited and our graduates have been very successful in national examinations.

What we'll teach you...

in Physical Therapy ...

- A strong foundation of clinical sciences (anatomy, physiology, and pathology)
- To integrate science with the art of optimizing an individual's movement potential
- To assess clients and formulate a rehabilitation plan based on their needs
- The relationships between the body, function, and society, and how to optimize that relationship based on sound ethical best practice

in Respiratory Therapy ...

- The complex interaction between ventilators and the physiology of breathing
- Clinical assessment skills, the ability to think critically, and technical trouble-shooting skills

- To work effectively under pressure and be a valuable team member in the management of patients with respiratory disorders
- Advanced level skills in ACLS (Advanced Cardiac Life Support), PALS (Pediatric Advanced Life Support), and NRP (Neonatal Resuscitation Program)

Specializations

in Physical Therapy

- The cardiovascular and respiratory systems
- The musculoskeletal system across the lifespan
- The neuromuscular system across the lifespan
- Students also learn about women's health; Aboriginal health; pediatrics; geriatrics; research; and healthcare administration

in Respiratory Therapy ...

- Anesthesia Technology and Assisting
- Respiratory Home Care
- Transportation of the critically ill
- Bronchoscopy (assistance)
- Pulmonary Diagnostic Testing (adult and pediatric)
- Ventilation management (adult, pediatric, and neonatal)
- Educational and research opportunities

Faculty Features

- Nationally recognized faculty
- State-of-the-art facilities for didactic and clinical teaching
- Broad exposure to many clinical practice settings
- Access Program supports for students of Aboriginal ancestry
- State-of-the-art medical equipment and learning opportunities
- Collaborative education with industry partners

"As a physiotherapist, I not only get a chance to see and do a wide variety of different things in any given work day, but it is also a profession that has allowed me the opportunity to work and live within many different cultures. The University of Manitoba not only provided me with a strong clinical and knowledge base, but the school and faculty have been more than supportive since I have graduated."

- Brooke McKenzie (B.M.R./2005)
(as seen in photo)

Degrees Offered

B.M.R. (PT) – Bachelor of Medical Rehabilitation (Physical Therapy)

B.M.R. (RT) - Bachelor of Medical Rehabilitation (Respiratory Therapy)

Career Information

Graduates find work in a variety of institution-based and community environments such as, hospitals, private practice, personal care homes, schools, home care and private industry, asthma clinics, and sleep labs, just to name a few.

¹ Occupational Therapy is a graduate program; please see above website for details.

Admissions

Direct Entry: n/a	Advanced Entry: For both programs, 30 credit hours in U1 (or approved bachelors program).*
Program Length: 4 years	Quota: 50 Physical Therapy, 16 Respiratory Therapy

High School Prerequisites: Math 40S, required. English 40S, Biology 40S, Chemistry 40S, Physics 30S/40S are recommended. **Note:** Physical Therapy has proposed substantial changes within the next few years; admission requirements may change

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Medicine

umanitoba.ca/medicine

(204) 789-3557



Faculty Features

- We're comprised of 26 academic departments, institutes, and administrative units each involved in teaching, research, service, and clinical activities
- We have an academic staff of approximately 515 full-time and 1025 part-time employees, 350 research associates, and a support staff of nearly 400
- The Bannatyne Campus and the Winnipeg Regional Health Authority provide unique learning environments in rural, northern, and Aboriginal communities
- Neil John MacLean Health Sciences Library - supports teaching, research, and patient-care programs with extensive print and electronic-based resources
- Clinical Learning and Simulation Facility - utilizes the latest technology including human simulators, haptic-based software for procedural skill development and an environment to enhance clinical assessment

Did you know?

We're home to the Canadian Science Centre for Human and Animal Health, one of the world's most secure laboratories for the testing of deadly diseases, the only level-4 facility in Canada.

We achieve success by providing exemplary patient care, award-winning research and cutting-edge health education. As a result, our graduates are ranked the top in the country.

We are home to internationally celebrated scientists in chronic and infectious diseases and have a significant concentration of expertise in biomedicine and public health.

What we'll teach you...

- The experience needed to practice medicine in a profession where advancements in science, policy, and patient care are ever-changing
- In your first two years, the "pre-clerkship," the subject matter is divided into concepts of basic medical science, human development, and body systems
- The final two years, the "clerkship," are spent in direct contact with patients and health care teams where students gain patient care experience with mentorship and gradually increasing responsibility

Specializations

The Faculty of Medicine offers post-graduate (residency) training in 44 disciplines.

What we are known for ...

- Academic excellence - our fully accredited undergraduate program provides excellence in clinical practice. Innovative programs include a Rural Week Program, Aboriginal health and health equity curriculum, and inter-professional education opportunities to promote collaborative patient-centered care
- Student inspired activities - Our range of social accountability programs provide help to inner city youth and those in developing countries
- Internationally renowned health and research - Our commitment to investment in biotechnology and education is unmatched in Canada, our contributions include education and research on HIV and other sexually transmitted diseases and the discovery of the gene responsible for limb girdle muscular dystrophy

Degrees Offered

M.D. - Doctor of Medicine

B.Sc. (Med) - Bachelor of Science in Medicine

Admissions

Direct Entry: n/a

Advanced Entry: 90 credit hours with completion of any undergraduate degree. *

Program Length: 7-8 years (completion of first degree plus 4 years Medicine)

Quota: 100

High School Prerequisites: Math 40S (min. 50% pre-calculus or 70% applied math) and Chemistry 40S required. English 40S, Biology 40S, and Physics 40S recommended.

*See Applicant Information Bulletin umanitoba.ca/admissions/media/medicine.pdf for details. For Canadian/International admission requirements, see pages 43-51.



Music

umanitoba.ca/music

(204) 474-9310

We offer a small conservatory atmosphere within a major university setting.

The rich and diverse cultural resources of Winnipeg, such as the Winnipeg Symphony Orchestra, combined with our world-class faculty, provide our students with opportunities in everything from performance or teaching to composition or history.

What we'll teach you ...

- Instruction on ALL of the orchestral, band, and jazz instruments, in all vocal specialties, and in collaborative piano; we are the only music school in Manitoba to offer this wide range of instruction
- A curiosity about and appreciation for a wide variety of music
- To combine knowledge, skill and passion in the search for your own musical voice
- A varied and well-developed chamber music program for all students

What we are known for ...

- Our connections and opportunities to perform with the Winnipeg Symphony Orchestra, Manitoba Opera, Royal Winnipeg Ballet, and the Winnipeg Jazz Orchestra
- Small class sizes and a collaborative learning atmosphere

- Many of our faculty members are the top researchers and performers in their field, worldwide!
- Our experienced instructors dedicated to excellence and student success
- Performance opportunities in a wide variety of strong ensemble programs

Degrees

B.Mus. – Bachelor of Music in Composition, General, History or Performance

B.Mus./B.Ed. – Integrated Bachelor of Music and Bachelor of Education

P.B.D. – Post Baccalaureate Diploma in Performance

M.Mus. – Master of Music

Faculty Features

- Two dedicated music buildings
- Casavant Frères pipe organ
- New Yamaha and Kawai concert grand pianos
- A historic Bösendorfer piano
- Choral, opera and chamber rehearsal spaces
- Large ensemble rehearsal spaces
- A large ensemble performance venue on campus
- Electro-Acoustic Music lab for computer-aided composition studies

Professional Opportunities

Composer, Concert/Tour Promotion or Artist Management, Conductor, Designer (director or producer in the radio, television, theatre and film industries), Music or Arts Administrator, Music retail industry, Music Therapist, Performer, Recording Engineer, Researcher, Sound Editor, Stage Manager, Teacher (at all levels)

"I have had numerous performance opportunities that have been unique to Winnipeg and the Faculty of Music. My experiences with the integrated B.Mus./B.Ed. program have been equally rewarding. The integrated B.Mus./B.Ed. program is tailored to the needs of future music teachers. I strongly recommend both the performance and education streams to anyone interested. I look forward to pursuing a career as both a teacher and performer. Thank you Faculty of Music!"

- Catherine Daniel – B.Mus., B.Ed. 2007

Specializations

Composition, History, Jazz, Music Education, Piano, Vocal (choral and opera), Woodwinds (brass and percussion)

Admissions

Direct Entry: Completion of high school (or equivalent) with required courses plus audition and theory exam (see note below).*

Advanced Entry: Instrument audition and a theory rudiments entrance exam (see note below). No minimum credit hours.*

Program Length: 4 years for B.Mus., 5 years for Integrated B.Mus./B.Ed. - one additional year if starting in U1

Quota: 60

High School Prerequisites: 40S Music recommended. Note: There is a separate application form to the Faculty of Music, followed by an instrument audition, and a theory rudiments entrance exam. Please contact the Faculty if you are considering applying.

For Canadian/International admission requirements, see pages 43-51.

Nursing

umanitoba.ca/nursing
(204) 474-7452



Faculty Features

- State-of-the-art classrooms and nursing skills laboratories
- Dedicated study areas for undergraduate and graduate students
- Dedicated computer laboratories for nursing students
- Manitoba Nursing Research Institute (MNRI) that supports research and scholarly activities of staff and students

Degrees Offered

B.N. – Bachelor of Nursing

M.N. – Master of Nursing

Ph.D. – Doctor of Philosophy in Cancer Control; Doctor of Philosophy in Applied Health Sciences

Did you know?

A career in nursing offers endless opportunities, specializations and prospects in diverse settings and locations...it is an exciting time to be a nurse!

Our graduates are recruited around the world and are recognized for their professional expertise.

We offer programs in a community that is characterized by a mosaic of cultural groups. This diversity provides excellent opportunities for students to develop sensitivities to the cultural aspects of health and health care. We are committed to educating students about the challenges of health care and helping them make a difference in peoples' lives.

What we'll teach you ...

- A solid basis in theory and practice with courses in nursing, arts, and science
- Clinical practice to reinforce theory and apply the skills and techniques in actual care-giving environments such as schools, hospitals, clinics, and homes

What we are known for ...

- Awards offered to undergraduate and graduate students by the university, professional associations, and other funding bodies
- Opportunities to gain experience in rural and northern communities
- Our research programs, teaching expertise, and strategic partnerships

- Our local, national, and international contributions to nursing knowledge and practice, and their influence on health policy
- Within the university, our students rank among the top faculties and schools in grade distribution

Specializations

Interfaculty Option in Aging; other specializations available in graduate studies include: Nursing Administration, Advanced Practice, Child and Family, Community Health, Gerontology, Health, Human Response to Illness, Women.

Professional Opportunities

Administrator, Clinical Educator, Clinical Nurse Specialist, Consultant, General Duty Nurse, Health Care Policy Analyst, Program Director, Public Health Nurse, Researcher, Scientist, Unit Manager

Admissions

Direct Entry: n/a	Advanced Entry: 30 credit hours in U1 (or approved bachelors program).*
Program Length: 4 - 5 years	Quota: 240
High School Prerequisites: Math 40S (prerequisite for Microbiology and Statistics). Biology 40S, Chemistry 40S, and Physics 40S are recommended (not required).	

*See U1 startbook or umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.



Pharmacy

umanitoba.ca/pharmacy
(204) 474-9306

We are the best! The Faculty of Pharmacy class of 2006, went on to an excellent performance on the national licensing exams (PEBC) with a 100% pass rate, ranking 1st (tied with one other school) among Canadian Pharmacy programs.

Faculty Features

- In 2008, Pharmacy will be housed in the Apotex Centre at the downtown Bannatyne Campus. This new location will enhance collaboration between health care practitioners and students.
- Established research groups supported by CIHR, NSERC, and the pharmaceutical industry including: Drug Disposition and Discovery, Drug Use and Effectiveness, and Antibiotic Resistance
- International collaboration with the China-Japan Friendship Hospital

The value of a Pharmacy degree

A career in pharmacy leads to employment in hospitals, community-based health care programs, the pharmaceutical industry, health science research, government, and diverse education environments.

What we'll teach you...

- Entry-level practice in the profession of pharmacy
- A solid foundation in basic and clinical sciences
- Experience in patient care in health care settings, hospitals, and community pharmacies
- An open elective program in the final year of studies

What we are known for...

The excellence of our graduates who typically rank in the top three pharmacy programs in Canada in the National Licensing Examinations for Pharmacists.

Specializations

Available in graduate studies: Biopharmaceutics, Nutraceuticals, Pharmaceutical and Medicinal Chemistry, Pharmaceutical Microbiology, Pharmaceutical Policy, Pharmaceutics, Pharmacoeconomics, Pharmacoepidemiology, Pharmacokinetics, Pharmacology, Toxicology.

Distinguished Grads

Pak-Wai Chan (B.Sc. Pharmacy/2004) was the winner of the Canadian Pharmacists Association's Dean George A. Burbridge Award. This prestigious award is presented annually to the individual with the highest academic standing on the Pharmacy Examining Board of Canada Qualifying Examination. Ms. Chan received the highest overall combined grade of all the 2004 pharmacy graduates in Canada!

Degrees Offered

B.Sc. – Bachelor of Science (Pharmacy)
M.Sc. – Master of Science
Ph.D. – Doctor of Philosophy

Admissions

Direct Entry: n/a

Advanced Entry: 30 credit hours in U1 (or approved bachelors program).*

Program Length: 5 years

Quota: 50

High School Prerequisites: Chemistry 40S, Math 40S (pre-calculus, min. 60%) required; Biology 40S recommended.

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Science

umanitoba.ca/science
(204) 474-8256



Student Profile Paul Furgale recently graduated from the Computer Science Honours Co-operative program. Through this program, Paul competed in the World Cup of Robotic Soccer and in his second year, Paul and the U of M team won the “Robocup” in Portugal. Paul also led a team of U of M students that designed and built a functional unmanned spy plane that was victorious in a U.S. Military competition in Maryland, beating out MIT and Cornell! In his last co-op term, Paul worked at Frantic Films where he was involved in developing visual effects for the movie “Superman Returns,” for which he received a credit in the movie. “Superman Returns” was nominated in the category of “Visual Effects” for an Academy Award in 2007! These are great examples of the cutting edge work you can do as part of your degree at the University of Manitoba’s Faculty of Science.

Degrees Offered

B.Sc. General – Bachelor of Science General

B.Sc. Major – Bachelor of Science Major

B.Sc. (Hon.) – Bachelor of Science Honours

B.C.Sc. (Hon.) – Bachelor of Computer Science Honours

Our slogan says it all: Science for Many Futures.

A degree from the Faculty of Science opens doors to every imaginable opportunity. From becoming a doctor or a forensic scientist to working on special effects for the movies, your degree from the Faculty of Science can take you there.

What we’ll teach you...

You’ll learn the skills and techniques necessary for many future careers. A degree from the Faculty of Science can be the cornerstone of any academic or career path.

We are known for...

- Computer Science students have won international competitions designing unmanned spy planes, and robots that play soccer
- Our astronomy professors use the Hubble telescope to create award winning colour photographs of distant galaxies
- Co-op students have worked with medical scientists on cutting- edge developments in HIV research

Faculty Features

- The most extensive co-operative education program in Manitoba; relevant and lucrative work experience in your discipline

- The cutting edge EITC (Engineering and Information Technology Complex) houses an amazing Autonomous Agents Lab and a one-of-a-kind Humanoid Robotics Lab
- A brand new Inorganic Chemistry Laboratory for undergraduate students – to be a part of the Chemistry Centre of Excellence in our science complex
- The Delta Marsh Research Station used by the Biological Sciences programs
- The Namao Research Vessel for studying the ecology of Lake Winnipeg
- We provide many opportunities for research in professors’ labs on campus and Canada wide

Career Information

A Science Degree can take you directly into a career or toward further education preparing you for many different professions, such as: Actuary, Biotechnologist, Computer Programmer, Conservation Officer, Dentist, Doctor, Forensic Scientist, Genetic Counsellor, Lawyer, Optometrist, Pharmacist, Teacher or Veterinary Doctor.

Admissions

Direct Entry: n/a

Advanced Entry: 24 credit hours in U1 (or approved bachelors program).*

Program Length: 3 years B.Sc.; 4 years B.Sc. (Major), B.Sc. (Hon.)

Quota: n/a

High School Requirements: Most introductory courses require Math 40S, and some will require specific high school 40S courses. All other science courses require that you have the correct 40S science background.

*See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

For a complete list of program options in Science, please see page 9.



Social Work

umanitoba.ca/socialwork
(204) 474-7050

We have the largest social work program in Canada.

We place a high value on critical thinking, social justice, respect for individuals, and diverse cultures. We emphasize understanding the roots of social problems in Canadian society and find the solutions to address them.

What we'll teach/offer you ...

- To integrate theory and practice through individual and/or group seminars
- Fieldwork placement opportunities in a variety of agencies or departments
- Preparation for generalist practice in different social work fields

What we are known for ...

- High demand across Canada for our graduates
- Small class sizes
- The availability of faculty for consultation
- The excellent reputation of our graduates

Specializations

Specializations

- Interfaculty Option in Aging
- Graduate Studies:
 - ~ Social-Clinical Intervention
 - ~ Social Services Administration

Faculty Features

- The Elizabeth Hill Counselling Centre - offers free counselling and community services and provides students the opportunity to develop assessment and intervention skills
- Over 100 placement agencies to provide you with first-hand professional experience
- We deliver a BSW program through various delivery sites and methods:
 - ~ The Fort Garry campus
 - ~ The William Norrie Centre in downtown Winnipeg
 - ~ Our northern campus in Thompson, Manitoba
 - ~ Collège universitaire de Saint-Boniface (CUSB) for French instruction
 - ~ Distance Education - for independent and cohort studies

Student Profile

Judy Sinclair (3rd year), is completing her B.S.W. degree in Thompson, MB. She enjoys what she studies, especially the history parts of her courses. She has a better understanding of where social problems stem from and as a result, understands herself better. She likes the small class sizes of the Thompson campus and the individual attention from her instructors.

Career Information

Graduates with a Social Work degree find employment in a number of areas: Child Welfare, Community Development, Corrections and Rehabilitation, Crisis Intervention, Cross-Cultural Social Work, Employee Assistance, Family Services, Gerontology, Health Care, Mental Health, Private Practice, Public Assistance, School Social Work, Social Policy Planning

Degrees Offered

B.S.W. - Bachelor of Social Work
M.S.W. - Master of Social Work
Ph.D. - Doctorate in Social Work

Did you know?

91% of the NBSW graduates are employed and 74% of NBSW graduates are employed in Northern Manitoba.

Admissions to the Fort Garry Campus*

Direct Entry: n/a	Advanced Entry: 30 credit hours in U1 (or approved bachelors program). **	
Program Length: 4 years	Quota: 75	High School Prerequisites: None.

* Admission criteria, processes, and deadlines vary depending on where the applicant applies.

**See umanitoba.ca/u1/startbook/ for details. For Canadian/International admission requirements, see pages 43-51.

Extended Education

umanitoba.ca/extended

(204) 474-9921



Photos: Ian McCausland

Flexible Study Options

Distance and Online Education offers a variety of delivery methods:

- Independent Study - print-based course materials with online options
- Online Study - courses offered entirely online
- Campus Manitoba - a consortium of Manitoba universities and colleges offering degree-credit courses in 16 Manitoba communities
- Group Based Study – study independently as well as have ‘real-time’ contact with instructors and classmates through online and audio conferencing
- Flexible Study - study independently while participating in scheduled on-campus tutorials.

Through innovative programming and flexible study options, we can satisfy your learning needs and fit your busy schedule.

Students of all ages and backgrounds can choose from a variety of degree credit courses on and off campus and an extensive list of certificate programs. You can also study on campus in summer, and take distance and online courses. Let us help you get started!

Distance and Online Education

Distance and Online Education provides learners an opportunity to complete degree-credit courses without attending a scheduled class on campus, from anywhere in the world! We offer over 120 degree-credit courses in various faculties, and the following full degree programs:

- Bachelor of Arts
- Bachelor of Arts in Geography
- Bachelor of Social Work
- Post-Baccalaureate Diploma in Education Program
- Baccalaureate Program for Registered Nurses

Admission requirements: students must meet admission requirements for their faculty of choice and then register for a Distance and Online Education course using Aurora Student. Also see Study Options, page 38.

Summer Session

We offer a wide range of degree courses, feature programs and summer institutes. You can study at the Fort Garry Campus, or for those who consider themselves more adventurous, travel/study courses are offered throughout the world from May through August. See Study Options page 38.

The combination of learning opportunities in Summer Session is virtually limitless—you are invited to join the thousands of students who take advantage of Summer Session to ease their course load in regular session, to speed up completion of their degree, to benefit from smaller summer classes or to catch up on missed courses.



General Studies

We offer degree-credit courses in many faculties and schools to students who are not seeking a University of Manitoba degree. Students can work towards meeting faculty entrance requirements, developing their careers, or enriching their personal development. Once students decide to pursue a degree, they may apply to the program of their choice.

Admission requirements: completion of secondary school (or equivalent) or mature student status.

Upgrading Courses

Students who do not meet our high school requirements or are missing prerequisite courses in English, Math, Chemistry and Physics may upgrade their courses at the University of Manitoba.

Off-Campus Study

Take degree-credit courses at different locations in Winnipeg. Courses are offered in the evenings and weekends and are taught by University of Manitoba instructors. As well, select courses are taught in high schools allowing Grade 12 students to take university courses as part of the Manitoba Education Dual Credit option.

English Language Studies

- A seven-level intensive English program for students who want to improve their English as well as those who wish to pursue university studies
- We offer a Certificate in Teaching English as a Second Language (CTESL Program), recognized by TESL Canada
- We teach interactive classes in French, Spanish, German, and Japanese.

Continuing Education

We offer over 30 comprehensive certificates, short courses and seminars that provide learners with the education and training to advance in their careers. Programs are delivered in consultation and partnership with industry, the community, and faculties to provide students with practical, relevant learning experiences. Certificate programs are available in areas of: Health and Social Services, Management, Adult Education, Accounting, Horticulture, and Special Interest Courses.

For more information on Access and Aboriginal Focus Programs, please see pages 34 and 35.



See page 38 for more class and study options!



Aboriginal Focus

umanitoba.ca/aboriginal

The University of Manitoba is dedicated to providing accessibility to Aboriginal Peoples (Status, Non-status, Métis and Inuit), as well as fostering a learning environment consistent with Aboriginal values, cultures and history. We achieve this through a variety of programs and cultural and academic supports.

Services

Aboriginal Student Recruitment

(204) 474-9983

The Aboriginal Student Recruitment Officers (ASROs) at the University of Manitoba are often the first point of contact for prospective Aboriginal students. Acting as university ambassadors, the ASROs provide information about programs, admission requirements and the importance of attending the University of Manitoba. They are eager to provide on-campus tours, or deliver presentations to your community or school.

The Aboriginal Student Centre (ASC)

(204) 474-8850

The Aboriginal Student Centre (ASC) is open to all Aboriginal students regardless of origin and fosters a genuine sense of community. In addition to providing a caring, family environment, the ASC offers academic, cultural, personal, and physical supports. As part of its cultural programming, the ASC provides an Elder-In-Residence. They also organize the Annual Traditional Graduation Pow-Wow, and Elders Gathering (see spotlight on page 35). The ASC staff also offer advocacy and counselling services. The centre serves as an information hub for on-campus and off-campus resources available to Aboriginal students.

For more services,
see page 35

Supports and Academic Programs

Aboriginal Business Education Program (ABEP)

(204) 474-7401 or 1-800-432-1960 Ext. 7041

If you're interested in learning about business and gaining valuable skills that will help secure your future, the Aboriginal Business Education Program (ABEP) at the Asper School of Business is for you. ABEP provides academic, personal and financial support and employment supports and services for Aboriginal students applying or enrolled in the Bachelor of Commerce (Honours) degree program. We want to help you achieve your goals! Make the journey. Start today!

Aboriginal Focus Programs (AFP)

(204) 982-4233

Offered through Extended Education, Aboriginal Focus Programs integrate indigenous knowledge of Aboriginal peoples in curricula and programs. These programs respond to the educational and professional development needs of many Aboriginal communities. Certificate and diplomas include Counselling Skills, Transition Year, Health, Community Wellness, Special Education and Family Services.*

Academic Support Program, Faculty of Law

(204) 474-6448

This program provides tutoring and advising. Priority is given to Aboriginal students based on 'individual consideration' applicants, and/or to first-year law students.

Department of Native Studies, Faculty of Arts

(204) 474-9266

Open to all Aboriginal and non-Aboriginal students wanting to learn about the experiences and realities of Aboriginal Peoples, examine cultures, histories, spiritualities, identities and literature. The Native Studies department is committed to holistic teaching and research that portrays the evolving story of Aboriginal cultures.

* A program currently under development is the Aboriginal Environmental Stewardship Diploma.

"ABEP is a cornerstone foundation for Aboriginal students in the Asper School. It has enabled me to advance my academic studies, extracurricular activities and spiritualism. I would not be where I am today without this program."

- Fabian Sanderson (Asper ABEP student)



Engineering Access Program (ENGAP)

(204) 474-9872

The Engineering Access Program (ENGAP) is the most successful program of its kind in Canada. It offers an opportunity for Aboriginal students who may initially not meet the normal Engineering entrance requirements, to receive academic upgrading and personal and financial support. The ENGAP program offers programs in Biosystems Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Manufacturing Engineering, and Mechanical Engineering.

Access Programs

umanitoba.ca/extended/access

1-(204) 474-8000 or 1-800-432-1960 ext. 8000

Access programs are offered to students who have not had the opportunity for post-secondary education because of social or economic, or cultural reasons, a lack of formal education, or residence in remote areas. Our programs provide a full range of academic and personal supports to ease the transition to university. We offer an award-winning model of teaching, advising, counselling and financial assistance. Our students are successful! As an Access Program student, you may pursue any program of study which leads to a degree or diploma at the University of Manitoba. Preference is given to Aboriginal people, residents of Northern Manitoba, and low income earners. Our programs include:

University of Manitoba Access Program (UMAP)

Health Careers Access Program (HCAP)

Professional Health Program (PHP)

Education Access Program (EAP)

Services (continued)

Native Studies/ASC Orientation Summer Course

A three-credit hour Native Studies course called "The Colonizers and the Colonized: Opening the Circle" integrates an academic skills orientation with topics such as residential schools, treaties and land claims. Registration for the Orientation Course is exclusively done through the Aboriginal Student Centre

Annual Traditional Graduation Pow Wow

This event, organized by the ASC, attracts more than 1000 community members each year to honour graduate's achievements.

International Focus

umanitoba.ca/admissions/international
(204) 474-8808



The University of Manitoba is privileged to have over 2500 undergraduate and graduate international students, representing over 90 countries.

International students enrich the learning experiences of all students by bringing different perspectives to classes, research, laboratories, and student life. International students ensure that the University of Manitoba is indeed a truly global institution.

International students represent 9.5 percent of the total student body. The largest numbers of international undergraduate students are from China, Nigeria, Malaysia, South Korea, Hong Kong, USA, Japan, Bangladesh, Indonesia, Iran, and India.

The International Centre for Students (ICS)

umanitoba.ca/student/ics
(204) 474-8501

The ICS welcomes international students and helps them to succeed and enjoy their studies at the University of Manitoba. ICS also provides information and assistance to all University of Manitoba students who are interested in international exchange opportunities. International students' benefit from the following:

Welcome Family Program

An excellent orientation program including a unique intercultural program near one of Manitoba's many beautiful wilderness lakes.

Campus Buddy Program

Study and work permit advising, activities, workshops, the Volunteer English Practice Program, and a host of other services.

Work Off-Campus

The Off-Campus Work Permit Program allows international students who have completed six months of full-time study and who are in good academic standing, to find employment off-campus for up to 20 hours a week. International students can gain valuable experience in the Canadian labour market and get paid while they go to university!

Immigration Possibilities

If you complete a degree at the University of Manitoba and also obtain a guaranteed job offer in Manitoba that is consistent with your training and experience, you may be able to apply for immigration under the Manitoba Provincial Immigration Program. More information about immigration possibilities is available at gov.mb.ca/labour/immigrate.



English Language Centre

umanitoba.ca/elc
(204) 474-9251

The English Language Centre is located on campus and offers courses in English for Academic Purposes (EAP) for students whose first language is not English. Full-time programs of 14 weeks are offered three times a year for students preparing to enter the university. The AEPUCE (level 5) program is for students with at least 500 (PBT), 173 (CBT) or 64 (iBT) on TOEFL or 5.5 on IELTS. Graduates of this program automatically meet the University of Manitoba's English language proficiency requirements for admission. The IAEP (levels 1-4) program is for intermediate students who will write the Canadian Test of English for Scholars and Trainees (CanTEST®). These results may be used to meet the language requirements of the University of Manitoba. Part-time courses are also available for both students and non-students.

Homestay Program

umanitoba.ca/elc/homestay
(204) 474-9251

Living with a Canadian family while studying at the University of Manitoba is an enriching experience for international students, since it allows them to practice their English while learning about Canadian society. Please consult the above website for admissions application information.

5 Great Reasons to Study at the University of Manitoba

1. EXCELLENCE

Established in 1877, the University of Manitoba has an excellent reputation in Canada and throughout the world with internationally accredited programs, highly ranked professional programs, and award-winning researchers and instructors.

2. AFFORDABLE

With tuition fees lower than most Canadian universities and a city with a low cost of living, students enjoy a high-quality education at a reasonable cost.

3. ONE UNIVERSITY. MANY FUTURES.

University 1 is an innovative first-year program that allows you to choose from over 200 courses while preparing you for the second year of your degree program. Enter your chosen studies with confidence! Our comprehensive programming

includes 108 degree, diploma, and certificate programs at the undergraduate and graduate level.

4. FRIENDLY MANITOBA

Manitoba is a great place to live! Our province has a high standard of living, steady economic growth and high employment. Be part of diverse industries such as aerospace, finance and insurance, biotechnology, transportation manufacturing, and agribusiness!

5. REAL CAMPUS. REAL LIFE.

Feel at home on our safe, suburban campus and in Winnipeg, one of Canada's most culturally diverse cities. Live in one of five on-campus residences on scenic, leafy grounds. Make use of extensive libraries, laboratories, leading research equipment, and gymnasium facilities. Work part-time on and off campus. Gain practical experience through our many co-op and internship opportunities.



Class and Study Options



Travel Courses

Take a Travel/Study course during the summer! In 2007, University of Manitoba students travelled to:

International Destinations:

- Iceland (History and Culture)
- Kyiv/Kiev (Ukraine or Russian Language & Culture)
- Italy (Religion)
- Turkey (Service Learning in the Global Community)
- U.S.A - New York (Fine Arts)

National Destinations:

- Baffin Island (Environment & Native Studies)
- Churchill, Manitoba (Environment)
- Clearwater, Manitoba (Environment)

University of Manitoba Student Exchange Programs

umanitoba.ca/student/ics/wwise

Graduating from university with a first-hand experience of another culture and country will give you an advantage in entering a globalized workforce. We have Student Exchange Program offers at 50+ universities around the world with the added benefit of earning credits towards your degree program at University of Manitoba tuition rates! Scholarships are also available to help with travel costs.

Where would you like to go? Current destinations include:

Australia	Germany	Nepal
Belgium	Hong Kong	Norway
Brazil	Hungary	Russia
China	Iceland	Scotland
Denmark	India	Sweden
England	Japan	Turkey
Finland	Mexico	United States
France		

Experiences to build your resume and flexibility for your convenience!

The University of Manitoba has close to 200 agreements worldwide including exchange programs, field schools, international work/volunteer placements, foreign studios and other opportunities for combining travel with study. We also offer great flexibility in arranging class options to accommodate even the most complicated needs.

Fieldwork & Practicums

Many programs require that students spend time in real-life work situations as part of their learning process. These placements may be available in Winnipeg, rural Manitoba, out of province, or even outside of Canada! Check with your program office for more information.

Class Options

Cooperative and Internship Programs

umanitoba.ca/student/employment/student

(204) 474-6586

Rotate between classroom time and paid work experience within a related industry through a cooperative or internship program. The rotations are usually four months in duration and start after second or third year. Internships last for a period of between 12 and 16 months and are usually taken after the third year of studies. Cooperative and/or internship programs are available in:

Faculty of Agricultural & Food Sciences (degree and diploma programs)

Faculty of Engineering (Biosystems, Civil, Computer, Electrical, Manufacturing, Mechanical)

Clayton H. Riddell Faculty of Environment, Earth, and Resource (Environmental Science, Environmental Studies, Physical Geography)

Faculty of Science (Biochemistry, Chemistry, Computer Science, Ecology, Genetics, Microbiology, Zoology)

Asper School of Business

Evening classes

Evening classes are offered in Fall and Winter Terms (one evening per week) as well during Summer Session from May through August (at two evenings per week) or during Fall and Winter Terms as part of Off-Campus Study.

Canadian Virtual University
cvu.uvc.ca

The University of Manitoba is one of 11 accredited universities providing students with access to combined resources in distance and on-line learning through CVU. Over 280 complete degrees, diplomas, and certificates and over 2300 courses are available to choose from to complete a degree.

Distance and Online Education

See *Extended Education* pages 32 and 33

Study in Your Own Community

See *Extended Education* pages 32 and 33

Off Campus Study

See *Extended Education* pages 32 and 33

Student Supports



The Student Counselling and Career Centre (SCCC) at the University of Manitoba offers a variety of career services to facilitate a successful career journey for University of Manitoba students.

Our career services (umanitoba.ca/counselling) are available throughout the calendar year and include:

Career Counselling - We offer individual one-on-one career counselling sessions with a professional career counsellor and *Career Planning Workshops* – the starting point for most students seeking career planning help.

Career Inventories - We offer the Strong Interest Inventory (SII) and the Myers-Briggs Type Indicator (MBTI) for helping students develop a good understanding of their career interests and personality preferences and identifying occupational options.

Career Help Centre - Do you have a career plan in place? Is a lack of career direction making it difficult to make choices? Our helpful career advisors would be pleased to refer you to appropriate resources, programs, and services. Drop in at 474 University Centre or call 474-6706.

Career Mentor Program - Hundreds of mentors, many of them University of Manitoba alumni, are eager to meet with students for informational interviews and workplace tours. Start turning your career dreams into reality!

Employment Services (474-9456)- The SCCC has many useful employment resources to help students find fulltime, part-time, career-related, summer and volunteer positions. The SCCC employment services include:

- In-House Workshops
- Individual Consultations
- Job Posting Service
- Co-Operative Education information

In addition to the career services available at the Student Counselling and Career Centre, students can also access and receive personal counselling services including one-on-one counselling and group programming.

Learning Assistance Centre (204) 480-1481

This centre offers numerous workshops throughout the year to ease the transition from high school to university and to refine your existing skill set. Workshops include note-taking, writing, reading, studying and research skills. Writing tutor programs are available in person and online, or make an appointment with a specialist to discuss learning-related issues on an individual basis. The

Frequently Called Numbers/ Websites

The University of Manitoba has many support groups and resource centres to assist you every step of the way. Below is a list of our frequently called numbers.

Archives Used Bookstore (UMSU)
umsu.ca/archives/ - (204) 474-6511

Aurora Student Web Registration
umanitoba.ca/registrar - (204) 474-9420

Bison Patrol Shuttle Bus (UMSU)
umsu.ca - (204) 474-6822

Bookstore
umanitoba.ca/bookstore
(204) 474-8321

Bus Services and Shuttle Services
winnipegtransit.com/main
(204) 986-5700

Daycare Services
umanitoba.ca/campus/daycare
(204) 474-7773

Disability Services
umanitoba.ca/student/resource/disability_services
(204) 474-6213/TTY (204) 474-9790

Food Bank (for University students)
(204) 474-9850

Health Care Services
umanitoba.ca/student/health
(204) 474-8411

Information Services and Technology
umanitoba.ca/ist - (204) 474-9249

Libraries
umanitoba.ca/libraries

Parking Services
umanitoba.ca/parking - (204) 474-9483

Peers Program - (204) 474-6696

Personal Counselling
umanitoba.ca/counselling
(204) 474-8542

Registrar's Office
umanitoba.ca/registrar - (204) 474-9420

Student Advocacy and Resource Centre
(204) 474-7423

University of Manitoba Students' Union also maintains a tutor registry for a wide variety of subjects (umsu.ca).

Parent's Program (204) 474-9093

Provides parents with an orientation to university, a handbook, regular newsletters, and opportunities to become involved in special projects.

Recreation Services

bisonactiveliving.ca
(204) 474-6100

Active Living for Life



Fitness Testing & Personal Training

Bison Recreation Services offers a wide range of physical fitness testing and training suitable for all individuals from the person looking to improve their health and get fit to the elite athlete looking to enhance their training to take it to the next level. All staff are highly skilled and are certified through the Canadian Society for Exercise Physiology.

Instructional Programs, Adult Wellness, Outdoor Adventures & Aquatics

Bison Recreation Services has been proudly providing students, staff, and the surrounding community instructional programming, outdoor adventures & aquatics for more than 70 years. Whether you are just getting started or a seasoned enthusiast, we have an experience for you. Most courses run seven weeks in length and are offered in dance, martial arts, relaxation & stress management, lifetime sports, living life programs, kayaking, climbing, adult aquatics and many other areas.

Facilities

Frank Kennedy, Joe Doupe and Max Bell Centres

- Swimming pool and dive tank
- Two gymnasiums
- Cardiovascular training area
- Free weight/weight machine training areas
- Squash/racquet-ball courts
- Access to Certified Fitness Attendants
- Fitness classes
- Indoor track
- Climbing Wall
- Ice Rink

A balanced lifestyle between academics and active living contributes to the physical, spiritual, social, mental, and emotional wellness needed in the life of a student.

Active living will help create healthy social opportunities, minimize inherent stresses from exams and assignments and give you the confidence necessary to take any and all demands thrown your way. From kayaking and climbing to instructional programs to intramurals and rec clubs, there is something for everyone.

Bison Recreation Services Facility Membership

\$102/Eight-month student membership

A Bison Recreation Services Facility Membership will allow you access to most recreation facilities at the Fort Garry Campus and Bannatyne Campus. Membership also includes regular fitness classes, intramurals and rec clubs.

Intramurals

\$5/Sport Team

Interested in becoming involved in intramurals? Sign up as a Free Agent or organize a team. Bison Recreation Services organizes volleyball, basketball, ice hockey, outdoor/indoor flag football, outdoor/indoor ultimate, floor hockey, outdoor/indoor soccer, and dodgeball for both the Fall and Winter Terms.

Leagues

Bison Recreation Services offers both a recreational soccer league (May - September) and recreational winter ice hockey league (September - March) for students, staff and the surrounding community.

Rec Clubs

The Rec Club program provides opportunities for students who want to share common pursuits and promote a sport. Rec Clubs provide the foundations of personal development, social connection and competition. Current clubs include volleyball, climbing, badminton, ringette and many more.

Fitness Programs

Bison Recreation Services offers 40 different fitness classes per week which is included in your student facility membership. Deep water aqua fitness, weight training seminars, peak performance training and Manitoba Fitness Council Leadership Courses which allow you to become certified as a fitness leader are just a few of the many opportunities available to become active and involved on campus.



Bison Sports

gobisons.ca
(204) 474-9611



Bison Sports is the Interuniversity Athletic Program at the University of Manitoba.

Our student athletes have been selected to represent the university in nine different sports and 16 separate teams. Our student athletes compete in the Canada West Universities Athletic Association, which has 14 members. The goal is to win the Canadian Interuniversity Sport (CIS) National Championships for their respective sport. Last season, five of the eight of the Bison Sports teams made the playoffs.

Bison Sports has won 14 national championships over the last 15 years. Bison Sports prides itself in being one of the elite interuniversity athletic programs in Canada. In 2005-06, Bison Sports had 68 student-athletes named as CIS Academic All-Canadians. An All-Canadian is a student-athlete who maintains a 3.5 grade point average or better.

Did you know?

- Chicago Bears NFL football player Israel Idonije participated in last season's Super Bowl game and played with the University of Manitoba.
- Bison Football accounted for 20 players drafted by CFL teams – the most by a CIS team over the last eight years.
- Bison Sports expanded anti-bullying campaign called “Bisons Against Bullying”. Bison student-athletes arranged class visits to numerous local schools across Winnipeg.
- Bison Sports offers students three season ticket packages options – All-Sport Season Pass, 8-Game Ticket Pack and Single Sport Season Pass.
- Manitoba Bisons Football team was selected as 2006 Manitoba Team of the Year while Bison Alumnus Izzy Idonije was selected 2006 Male Athlete of the

Year by the Manitoba Sportswriters and Sportsbroadcasters association. Finalists included two current Bisons for Women Athlete of the Year, one current Bison and one Alumnus for Male Athlete of the Year

- The Bison Women's Basketball team and the Skownan First Nation started a partnership with the official launch of “Running with the Bison”, an initiative that revolves around friendship and bison. The team began community outreach with Skownan, which included a basketball camp and a retreat.
- The Bison Women's Volleyball Program announced the creation of the T.D. “Davey” Einarsson Bison Women's Volleyball Endowment Fund. U of M Alumnus Mr. Theodore David Einarsson generously gifted \$360,000 to the Bison Women's Volleyball

University Teams

Sport	Men	Women
Basketball	4	4
Cross Country	4	4
Football	4	
*Golf	4	4
Hockey	4	4
Soccer		4
Swimming	4	4
Track & Field	4	4
Volleyball	4	4

* Compete in non-conference tournaments within the U.S.A. and Canada

Program, a sum matched by the University of Manitoba through the Province of Manitoba – Manitoba Scholarship and Bursary Initiative (MSBI) grant. This tremendous act of generosity is the single largest individual donation in Bison Sports history and, at the time, the largest amount given to a CIS women's program.

- A gift of \$500,000 by David and Ruth Asper was donated to two University of Manitoba awards designated for student athletes in the Manitoba Bisons football program and graduate students in the Master of Science program.

Interested in Bison Sports?

Interested in representing the Bisons on the Dance or Cheerleading Teams?

Learn more or contact the coach at:
gobisons.ca

Housing

umanitoba.ca/student/housing

residence@umanitoba.ca

(204) 474-9922



Living on Campus

Students have the convenience of living right on campus, steps away from classes, libraries, cafés, computer labs, gyms, and social activities. Living on-campus gives students the opportunity to surround themselves with community spirit and support. Make lifelong friends with students from around the world! There are five on-campus residences available, with room for over 1300 students.

Make Yourself at Home

Each residence has a unique atmosphere and offers furnished rooms, a meal plan, study spaces, lounges, laundry facilities, rooms wired for telephone and high speed internet access, and reserved parking.

Apply Early

Residence rooms are allocated on a first-come, first-served basis and space fills quickly. Application forms can be downloaded at umanitoba.ca/student/housing. Residence applications are separate from the admissions applications and are not based on program acceptance.

Living Off-Campus and Homestay

Winnipeg offers a full range of off-campus living options for students – everything from room and board to house rental. There are many apartments in the university area with public transportation service to campus. Housing prices are affordable; a room with kitchen facilities costs approximately \$350-\$450/month, while a one bedroom apartment will cost approximately \$600/month or more. Students can find a place to live off-campus at www.rentingspaces.ca or by contacting the Off-Campus Housing Office at (204) 474-9717. International students may also consider applying for the Homestay Program. More information is available at umanitoba.ca/elc/homestay.

	Arthur V. Mauro	Speechly/Tache Hall	University College	St. John's College	St. Andrew's College
Room Capacity & Rates	Two bedroom suites \$5,079 - must have completed first year university to qualify	Single: \$6,801 - \$7,087 Double: \$5,832 - \$6,118 - depending on meal plan chosen	Super single**: \$6,241 - \$7,401 (double used as a single) Single: \$5,441 - \$6,241 Double: \$4,472 - \$5,272 - meal plan included **Subject to \$400 sur-charge, per term base rate	Single (new): \$6,763 Single (returning): \$6,673 - meal plan included	Large single: \$6,985 Small single: \$6,665 Double: \$6,025 - meal plan included
Meal Plan Options	Meal plan optional	Three different meal plans from 10 meals/week to 7-day Unlimited Plans in the Pembina Hall dining room	Declining balance meal plan with the choice of eating at any of the on-campus dining options	Meal plan of 19 meals/week in the residence dining room plus a free snack on Sunday and during exam time (all evenings)	Meal plan of 19 meals/week in the College dining room and outdoor courtyard
Special Features	Fully furnished two bedroom suites with kitchenette and private bathroom, fitness room, and lounges on each floor	Two gyms and fitness facilities, piano practice areas, special interest floors for students with similar interests: Architecture floor, Engineering floor, International floor, Scholars' floor, Women's floor	Recreation room, Black Hole Theatre, special interest floors for students with similar interests: Professional/Graduate floor, Scholars' floor, Male wing	Connected with St. John's College (which is affiliated with the Anglican Church), this residence also offers access to the College and facilities including the St. John's Library, Daily Bread Café, Chapel and Chaplaincy services as well as a 24-hour computer lab	Connected with St. Andrew's College (which is affiliated with the Ukrainian Orthodox Church), this residence also offers access to the College and its facilities including the St. Andrew's Library, Chapel and piano practice rooms

Applications Steps for Undergraduate Students

Below is a step-by-step guide on how to apply to the University of Manitoba. Details for each step are found in the successive pages (page numbers indicated).

Admissions details available at: umanitoba.ca/admissions

For response to inquiries: umanitoba.ca/ask

Enrolment Services (Admissions)

424 University Centre, Winnipeg, MB, R3T 2N2

Ph: 204-474-8808, Toll-Free: 1-800-432-1960 ext 8808

Fax: 204-474-7554

Step 1

Determine Student Type (high school, transfer, etc.) – page 45. International students see page 44.

Step 2

Choose a Faculty, School or Program –page 46

Step 3

Review Program Requirements - (Manitoba Applicants see pages 47-48; Out of Province Applicants see pages 49-51; International Applicants see next page)

(A) Determine the need for upgrading

The University of Manitoba offers upgrading courses for students who do not have the necessary prerequisites. Upgrading courses include: Math Skills (Extended Education), Preparatory Chemistry (Faculty of Science), and Preparatory Physics (Faculty of Science).

(B) Assess AP and IB high school classes for university credit - page 53

Step 4

Confirm English Requirements –page 52

Students whose primary language is not English or whose previous education has been conducted in another language may need to demonstrate English proficiency.

Step 5

Check Admission and Scholarship Deadlines –pages 54-56

Application deadlines vary with each faculty, school or program. Direct Entry programs also have application deadlines associated with academic scholarships.

Step 6

Apply for Admission and/or Residence (all programs).

Students can apply to the University of Manitoba online at umanitoba.ca/applynow or by using the downloadable forms available through that website. Residence applications are separate from program applications and not dependant on university admission. Students are encouraged to apply early. Application forms can be found at umanitoba.ca/student/housing.

Step 7

Submit Transcripts and Documents

High schools in Manitoba and northwest Ontario will automatically submit mid-term and final transcripts for those current high school students who have submitted their university applications before May.

The required documentation for each program and student type is outlined in both the online and paper applications. Although applicants will be notified of their specific required documents, they are encouraged to send these documents with their application or shortly thereafter in an effort to avoid missing document deadlines. Documentation required may include: Official high school transcripts, previous college and/or university transcripts, immigration documents (for Permanent Residents or Canadian Citizens born outside of Canada), proof of name change (e.g., marriage certificate), and proof of age for all mature status applicants (birth certificate, passport, or other government-issued identification containing a photograph accepted). Scans, faxes and photocopies will not be accepted. Original documents such as a marriage certificate or birth certificate will be returned, however transcripts and other academic documents become the property of the university.

To accelerate the application process, students from outside of Manitoba and northwest Ontario who are currently in high school (or equivalent) are encouraged to submit their mid-term grades as soon as they become available pending the submission of their official high school transcripts.

Once you have applied, what's next?

- **Receive an Acknowledgement Letter** – This letter will include both a student number and an application number as well as a listing of required documentation (see above).
- **Receive a Notification Letter** – Notification letters informing students as to whether or not they have been accepted are mailed to applicants when all required marks and documentation have been received and assessed by the Admissions Office. Current high school students who do not qualify based on their first term final marks and second term midterm marks will be reassessed when the Admissions Office receives their second term final marks.
- **Apply for Loan (optional)** – pages 54-55
- **Complete Pre-Registration Sessions** – only required in certain programs
- **Register for classes using the Aurora Student web registration system**–Registration information is provided through University 1 or by the faculty prior to course registration.
- **Pay Tuition Fees** – page 57

Applications Steps for Undergraduate Students – International Applicants

Any student who does not hold Canadian Citizenship or Permanent Resident (Landed Immigrant) status is considered an international student. However, Canadian Citizens/Permanent Residents who are currently residing outside of Canada or who are applying on the basis of academic credentials completed outside of Canada will be required to complete the necessary academic requirements specified for their country of education.

Information about international student admission and a listing of entrance requirements by country of education is available at umanitoba.ca/admissions/international.

Follow Step 1 and Step 2 from the previous page.

Step 3

Program Requirements (please review 3A from previous page)

All international applicants must meet both the General Entrance Requirements and Specific Subject and Performance Requirements for their country of education and program of application, **plus** the specific faculty requirements for the faculty or school for which they are applying, including any specified minimum level of performance and/or evidence of professional suitability. All programs except Dental Hygiene, Dentistry, Medical Rehabilitation, Medicine and Pharmacy will accept applications from international students (admission may be competitive). Also note that although you must fulfill these requirements to be considered for admission, meeting the minimum requirements does not guarantee admission.

Note: Applicants from the United States will be required to meet the entrance requirements as stated above, however SAT scores or ACT scores are not required.

Follow Steps 4 through 6 from the previous page.

Step 7

Submit Transcripts and Documents

Please read Step #7 on the previous page. In addition, students submitting documents in a foreign language must have their transcripts translated and notarized.

Step 8

Apply for a Study Permit

In order to study in Canada, all international students are required to obtain a study permit. Students are responsible for all aspects of their application and for ensuring that they comply with the conditions of their study permit.

For students arriving from the USA: Study permits can be issued at any Canadian port of entry when the following documents are provided: identification, proof of sufficient funds, and a Letter of Acceptance from the University of Manitoba.

IMPORTANT: *For international students arriving from countries other than the USA:* Depending on the country, you may be required to apply for, and produce an approved Temporary Resident Visa before a study permit can be issued. For more information, consult: www.cic.gc.ca/ENGLISH/visit/visas.asp

Individuals with visitor visas are responsible for contacting Citizen and Immigration Canada (CIC) to change their visa to a study permit. International students already studying at an institution in Canada must also contact CIC to renew the terms and conditions of their study permit.

Details for obtaining a study permit are available at www.cic.gc.ca/english/study

Once you have applied, what's next?

The next steps will be similar to those outlined on the previous page. Please note, international students are required to pay an International Differential Fee of 180% based on the total tuition fees for Canadian/Permanent Residents and an application fee of \$100.00 for all direct entry and advanced entry programs (see page 57). Under the Manitoba/Minnesota Reciprocity Agreement, residents of Minnesota, USA, are exempt from this surcharge and will be permitted to pay the same fees as Canadian Citizens/Permanent residents for application and tuition. These students must complete the following form with appropriate documentation: umanitoba.ca/student/admissions/media/reciprocity_form.pdf

What is my Student Type?

umanitoba.ca/admissions/requirements

High School Students

Students applying to the University of Manitoba based on high school courses are considered high school applicants. Direct Entry programs are the only programs available to high school applicants.

Mature Status Students

Mature student status is meant only for students who do not meet their **high school or transfer student requirements**. You can apply as a mature status student if you meet the following conditions:

- you do NOT meet the high school requirements
- you are at least 21 years of age
- you are a Canadian Citizen or a Permanent Resident
- you have never previously attended university or college **OR** have completed less than 24 credit hours (four full courses)

As a mature student, you may apply to any one of the **Direct Entry** programs (except for the School of Art degree program). If you are interested in one of our **Advanced Entry programs**, please apply to University 1 to complete the required first year courses.

1. It is recommended that mature student applicants submit any previous Grade 12 transcripts that may include specific subjects in math, chemistry and physics; otherwise, upgrading may be required in these areas.
2. Mature students must also fulfill any required performance requirements that may be required such as the Fine Arts portfolio.
3. Mature applicants to Engineering require a minimum of 60% in each of Pre-Calculus Mathematics 40S, Chemistry 40S and Physics 40S (or the equivalent from other provinces/countries or previous upgrading in these areas) plus a minimum 85% average over these three subjects.

Special Students

You may apply as a special student if you wish to enrol in degree credit courses, but are not interested in pursuing a degree. Courses completed may subsequently be accepted as credit towards a degree, diploma or certificate. Special Students usually enter General Studies (Extended Education).

Visiting Students

Students registered at another post-secondary institution who would like to complete courses at the University of Manitoba and have the credits transferred to their home institution will be considered as visiting students. Most visiting students apply to General Studies (Extended Education). A Letter of Permission from the home institution listing the specific course(s) is required.

Auditing Students

If you wish to attend lectures for a particular course but do not want to complete the assignments or write the exams and, therefore, not receive a grade or any credit hours upon

completion of the course, you can apply for admission as an auditing student. Auditing students should apply to General Studies (Extended Education) for admission. Auditing students will be charged one half of the course fee. Written permission is required from the course instructor prior to application.

Readmission, Continuing and Returning Students

All students who were admitted and who did not follow through with registration must apply to the Admissions Office for readmission. Former students who have attended other institutions since their last registration at the University of Manitoba must apply to the Admissions Office for readmission, unless the other institution was attended on a Letter of Permission.

Transfer Students

Students who are in good academic standing and have completed a minimum of 24 credit hours (four full courses) at an accredited university or college will be considered as transfer students. Students with less than 24 credit hours will be considered as either high school students or mature status students, however any university-level coursework completed will also be considered for transfer credit. Up to two years or 60 credit hours (10 full courses) completed within the last ten years may be considered for transfer credit, however each program differs in its requirement of transfer students and transfer credit policy. A student on suspension at another institution will not normally be considered for admission. All transfer students should review program requirements prior to application and compare previous university work with the degree requirements listed in the program application package, umanitoba.ca/applynow or in the General Calendar, umanitoba.ca/calendar.

Transfer Credit Evaluation

The evaluation of prior coursework for admission requirements or transfer credit is part of the application process and the following documents are required:

- Official or original transcripts with course outline(s) for all attempted courses are required from all previous universities/colleges.
- Official or original high school transcripts are required for high school graduates and students who have completed less than 24 credit hours at another institution.
- To accelerate the admission and credit evaluation process, it is suggested that students also submit detailed course descriptions or course outlines/syllabi at the time of application.

Since educational systems vary from country to country, some international students will require a year or more of equivalent university coursework to enter a direct entry program. International applicants should review the list of general requirements by country to determine if the university work completed is considered as the basis of admission or if completion of high school is sufficient. Details are available at umanitoba.ca/admissions/international.

For more information, go to umanitoba.ca/applynow

Undergraduate Programs

umanitoba.ca/admissions/programs

Admission to undergraduate programs is divided into two categories: **Direct Entry** and **Advanced Entry**.

DIRECT ENTRY (apply from high school)

Students entering directly from high school (or equivalent) chose a “Direct Entry” faculty. These programs are also open to students transferring from other faculties, universities, or colleges if they have completed less than 24 credit hours of coursework. In some cases, a person can apply as a mature status student without high school graduation (see page 45). For most students, studies at the University of Manitoba will begin in University 1. Below is a list of direct entry programs:

University 1
Agriculture Diploma
Engineering
Fine Arts (diploma & studio degree programs)
General Studies (Extended Education)
Music

ADVANCED ENTRY (apply after University 1)

Every program that admits from University 1 (or with the equivalent amount of work completed in another faculty or at another university) will have certain criteria that must be met to be considered for admission. These criteria are described in Applicant Information Bulletins which are available from the Admissions Office, or umanitoba.ca/applynow or the University 1 StartBook (umanitoba.ca/u1/startbook). They may include academic criteria (e.g., certain minimum number of courses that must be completed, specific required courses, minimum grades in specific courses, minimum overall or adjusted averages, etc.) or non-academic criteria (e.g., references, an interview, relevant background information, etc.). When it is not possible to offer admission to all eligible applicants, the faculty will have a selection or admissions committee which will choose the best qualified students, using a process that is described in the Applicant Information Bulletin.

Agricultural & Food Sciences	Human Ecology
Arts	Kinesiology and Recreation Management
Architecture (Environmental Design)	Medical Rehabilitation
Asper School of Business	Nursing
Clayton H. Riddell Faculty of Environment, Earth, and Resources	Pharmacy
Dental Hygiene	Science
Engineering	Social Work
Fine Arts (Art History)	

Faculties Requiring Two or More Years of University Study

Dentistry, Law, and the Education/Music integrated program require two years of pre-professional studies to qualify for admission. Education and Medicine require a completed degree before entry. Like the post-University 1 programs, these faculties will have academic and non-academic requirements and will use a selection process to choose the best qualified students.

Dentistry	Law
Education (After Degree Program)	Medicine
Music Integrated Program	

For application information on Advanced Entry certificate, diploma, and other programs, refer to page 56.

Citizenship and Residency Program Requirements

The University of Manitoba welcomes international and out-of-province students and recognizes the value of a diverse student population. However, as a provincial university, its first responsibility is the provision of education for residents of the Province of Manitoba who are Canadian Citizens/Permanent Residents; therefore, admission of international or out-of-province students to some faculties/schools may be limited.

OPEN - All qualified applicants including international and out-of-province students will be considered for the following programs: Agricultural and Food Sciences, Arts, General Studies (Extended Education), Clayton H. Riddell Faculty of Environment, Earth, and Resources, Science and University 1.

LIMITED - The following programs have limited student quotas and some have specific limitations with respect to international students. As such, the best qualified appropriate applicants from the applicant pool will be admitted: Architecture, Asper School of Business, Education, Engineering, Fine Arts, Human Ecology, Kinesiology and Recreation Management, Law, Music, Nursing, and Social Work.

RESIDENT PRIORITY - No international students are considered for Dental Hygiene, Dentistry¹, Medical Rehabilitation, Medicine, and Pharmacy. Priority for Dentistry, Medical Rehabilitation, Medicine and Pharmacy is given to Canadian Citizens/Permanent Residents who are residents of Manitoba² or who have completed prerequisite coursework in Manitoba. Preference may be given to residents of Manitoba for positions in Dental Hygiene.

¹ Consideration is given to graduates of an international dentist program applying to the International Dentist Degree Program.

² Manitoba residency requirements differ for each program in this category, for more information, refer to the program application form at umanitoba.ca/applynow.

Entrance Requirements - Direct Entry Programs – Manitoba Applicants

umanitoba.ca/admissions/requirements

The direct entry requirements apply to current Manitoba high school students or students who have already graduated from high school but who have completed less than 24 credit hours (four full courses) at an accredited university/college.

I. Admission to University 1

1. Manitoba 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.

2. Completion of **one** of the following sets of requirements:
Set A:

- i. One credit of Grade 12 S or U English with a minimum grade of 60%, and
- ii. A minimum average of 70% over three Grade 12 S or U credits

Set B: (Limited admission)

- i. One credit of Grade 12 S or U English, with a minimum grade of 60%, and
- ii. A minimum average of 63-69.9% over three Grade 12 S or U credits

Set C: (Limited admission)

- i. A minimum average of 70% over three Grade 12 S or U credits, but lacking the Grade 12 S or U English requirement (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.

II. Admission to Other Direct Entry Programs

Admission to the Faculty of Music

1. Candidates must meet the same admission standards as University 1 applicants.
2. An audition and a theory assessment are also required.
3. Recommended level of musicianship (Toronto Conservatory or Conservatory Canada):
Piano/Strings/Organ: 8; Voice/Winds: 7.
4. Music 40S and a 40S language are recommended

Admission to the Faculty of Engineering

1. Manitoba high school graduation, with five full credits at the Grade 12 level, in courses designated S, G or U.
2. Pre-Calculus Mathematics 40S (minimum 60%), Chemistry 40S (minimum 60%), and Physics 40S (minimum 60%)
3. A minimum 85% average over these three required courses.

Admission to General Studies (Extended Education)

1. Candidates must meet the same admission standards as Set A University 1 applicants.
2. 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.

Admission to School of Agriculture (Diploma Program)

1. Completion of Grade 12 and Manitoba high school graduation are recommended.
2. English 40S, Mathematics 40S or 45S, and a science 40S are recommended.
3. An interview may be required.

Admission to School of Art (Studio Degree Program)

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

Admission to School of Art (Diploma Program)

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

Notes:

Admission to the Asper School of Business

The Advanced Entry Business Program will guarantee admission to students with a 90% or greater average on qualifying high school courses plus 24 hours of qualifying courses in University 1 with a minimum average of “C”. Students must still submit an application for the Business program following University 1.

Students may also enter Engineering, Fine Arts, Music or Agriculture (diploma) after University 1. The off-campus direct entry Nursing programs at Red River College, University College of the North, and Norway House have separate application packages that are available from Enrolment Services (Admissions), the Faculty, or the program site.

For students planning their high school programs, it is imperative to check the specific subject prerequisites for each university program. See the prerequisites table on the next page for more details.

Manitoba High School Prerequisites for Advanced Entry Programs

Many first-year University of Manitoba courses in mathematics, chemistry, physics, and biology used for admission into certain faculties after University 1, require or recommend Grade 12 subjects as prerequisites. Please note that for students planning their high school programs, it is important to check the specific subject prerequisites for Advanced Entry programs. The chart below should be used as reference. Detailed program information by faculty can be found in the University 1 Startbook at umanitoba.ca/u1/startbook.

Faculty	Note	Pre- Calculus Math 40S (60% min.)	Applied Math 40S (70% min.) or Pre-Calculus Math 40S (50% min.)	Applied Math 40S (50% min.) or Pre-Calculus Math (50% min.)	Math 40S (any level)	Physics 40S	Chemistry 40S	Biology (strongly recommended)
Agricultural and Food Sciences		4				4 (for Pre-Vet Medicine only)	4 (not required for Agribusiness)	4
Business		4						
Dental Hygiene				4			4	4
Dentistry			4			4	4	4
Education	Required only if teaching in these subject areas for any level	4 (if teaching math and/or computer science)	4 (if teaching physics)	4 (if teaching chemistry)		4	4	4
Engineering		4				4 (60% min.)	4 (60% min.)	
Environment, Earth, and Resources¹	Specific programs only	4				4	4	4
Human Ecology²	Specific programs only			4	4		4	4
Kinesiology and Recreation Management³	Specific programs only				4			4
Medical Rehabilitation⁴					4			4
Medicine⁵			4			4 recommended only (MCAT)	4	4
Nursing⁶					4			
Pharmacy		4					4	4
Science⁷	Depending on major	4	4	4	4	4	4	4

¹ Environmental Science: Chemistry 40S, Pre-Calculus Math 40S (min. 60%) Physics 40S with Biology 40S recommended. Environmental Studies: Math 40S with Biology 40S recommended. Geology, Geological Sciences (Gen.) and Physical Geography: Chemistry 40S, Pre-Calculus Math 40S (min. 60%), Physics 40S. Geophysics: Pre-Calculus Math 40S (min. 60%), Physics 40S.

² Family Social Sciences, Human Ecology, and Health Studies programs only required Math 40S (min. 50%)

³ Kinesiology, Recreation Management and Community Development: Math 40S required. Biology 40S, Chemistry 40S and Physics 40S are recommended.

⁴ No other requirements, but Physics 30S and/or 40S, Chemistry 40S, English 40S and Biology 40S are strongly recommended .

⁵ English 40S recommended.

⁶ Science at the 40S level is recommended.

⁷ Most areas will require Pre-Calculus Math 40S or Applied Math 40S – specific math prerequisites vary by program, consult the University 1 Startbook at umanitoba.ca/u1/startbook

Entrance Requirements Direct Entry Programs – Applicants from Other Canadian Provinces

umanitoba.ca/admissions/requirements

The Direct Entry requirements apply to current high school students from other provinces or students who have already graduated from high school but who have completed less than 24 credit hours (four full courses) at an accredited university/college.

I. Admission to University 1

Province	Requirements
Alberta, Newfoundland & Labrador, Northwest Territories, Nova Scotia, Nunavut, Prince Edward Island and Saskatchewan	Completion of high school in a university entrance program with a minimum average of 63% over five Grade 12 credits
British Columbia and Yukon Territory	Completion of high school in a university entrance program with a minimum average of C+ or 63% over four Grade 12 courses
New Brunswick	Completion of high school in a university entrance program with a minimum average of C+ or 63% over six Grade 12 credits
Ontario	Completion of high school with a minimum average of 63% over six credits in Grade 12U or M courses
Quebec	Completion of first-year CEGEP with a minimum average of 65% or GPA of 2.5

Students must also complete **one** of the following sets of requirements:

Set A:

- minimum average of 70% over the top three Grade 12 university preparatory courses, with
- minimum final grade of 60% in Grade 12 university preparatory English

Set B: (Limited admission)

- average of 63% to 69.9% over the top three Grade 12 university preparatory courses, with

- minimum final grade of 60% in Grade 12 university preparatory English

Set C: (Limited admission)

- minimum average of 70% over the top three Grade 12 university preparatory courses, and
- no Grade 12 university preparatory English or final grade less than 60%

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.

II. Admission to Other Direct Entry Programs:

Admission to the Faculty of Music

- Candidates must meet the same admission standards as University 1 applicants.
- An audition and a theory assessment are also 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.

Admission to the Faculty of Engineering

- High school graduation and have an average of 85% over the following three required Grade 12 subjects:
Math¹ (minimum 60%), Chemistry (minimum 60%) and Physics (minimum 60%)

Admission to General Studies (Extended Education)

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

Admission to School of Agriculture (Diploma Program)

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

Admission to School of Art (Studio Degree Program)

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

Admission to School of Art (Diploma Program)

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

¹ Students from Ontario must present Advanced Functions MHF4U to be eligible, while students from Saskatchewan must present both Math B30 and C30. Students from other provinces must present a pre-calculus mathematics course.

Notes:

Admission to the Asper School of Business

The Advanced Entry Business Program will guarantee admission to students with a 90% or greater average on qualifying high school courses plus 24 hours of qualifying courses in University 1 with a minimum average of “C”. Students must still submit an application for the Business program following University 1.

Students may also enter Engineering, Fine Arts, Music or Agriculture (diploma) after University 1. The off-campus direct entry Nursing programs at Red River College, University College of the North, and Norway House have separate application packages that are available from Enrolment Services (Admissions), the Faculty, or the program site.

For students planning their high school programs, it is imperative to check the specific subject prerequisites for each university program. See the prerequisites table on the next page for more details.

Out of Province High School Prerequisites for Advanced Entry Programs

umanitoba.ca/admissions/requirements

Requirements to enter University 1 plus the following specific subject prerequisites. Please note, most first year courses in science require grade 12 math (or equivalent) as outlined in chart and notes.

	BC/Yukon	Alberta, NWT, Nunavut	Saskatchewan	Ontario ⁷	Quebec Two semesters of:
Agricultural & Food Sciences¹	Math 12*, Chemistry 12 (and Physics 12 for Pre-Veterinary Medicine)	Math 30* or PMAT 30* or Math 31*, Chemistry 30 (and Physics 30 for Pre-Veterinary Medicine)	Math B30* & C30*, Chemistry 30, (and Physics 30 for Pre-Veterinary Medicine)	Advanced Functions MHF4U, Chemistry SCH4U, (and Physics SPH4U for Pre-Veterinary Medicine)	Math (201)*, Chemistry (202), (and Physics (203) for Pre-Veterinary Medicine)
Business	Math 12	Math 30* or PMAT 30* or Math 31*	Math B30* & C30*	Advanced Functions MHF4U*	Math (201)*
Dental Hygiene	Math 12, Chemistry 12	Math 30 or PMAT 30 or Math 31, Chemistry 30	Math B30 & C30, Chemistry 30	Advanced Functions MHF4U, Chemistry SCH4U	Math (201), Chemistry (202)
Dentistry^{2,3}	Math 12, Chemistry 12, Physics 12	Math 30 or PMAT 30 or Math 31, Chemistry 30, Physics 30	Math B30 & C30, Chemistry 30, Physics 30	Advanced Functions MHF4U, Chemistry SCH4U, Physics SPH4U	Math (201), Chemistry (202), Physics (203)
Education⁴	Depending on teaching area: Math 12*, and/or Chemistry 12, and/or Physics 12	Depending on teaching area: Math 30* or PMAT 30* or Math 31*, and/or Chemistry 30 and/or, Physics 30	Depending on teaching area: Math B30* & C30* and/or Chemistry 30, and/or Physics 30	Depending on teaching area: Advanced Functions MHF4U* and/or Chemistry SCH4U and/or Physics SPH4U	Depending on teaching area: Math (201)* and/or Chemistry (202) and/or Physics (203)
Engineering	Math 12*, Chemistry 12*, Physics 12*	Math 30* or PMAT 30* or Math 31*, Chemistry 30*, Physics 30*	Math B30* & C30*, Chemistry 30*, Physics 30*	Advanced Functions MHF4U*, Chemistry 12U*, Physics SPH4U*	Math (201)*, Chemistry (202)*, Physics (203)*
Environment, Earth & Resources (Environmental Science, Geology, Geophysics, Geological Science and Physical Geography⁵)	Math 12*, Chemistry 12, Physics 12	Math 30* or PMAT 30* or Math 31*, Chemistry 30, Physics 30	Math B30* & C30*, Chemistry 30, Physics 30	Advanced Functions MHF4U*, Chemistry SCH4U, Physics SPH4U	Math (201)*, Chemistry (202), Physics (203)
Human Ecology (Textile Sciences, Human Nutritional Sciences, Health Sciences)	Math 12, Chemistry 12	Math 30 or PMAT 30 or Math 31, Chemistry 30	Math B30 & C30, Chemistry 30	Advanced Functions MHF4U, Chemistry SCH4U	Math (201), Chemistry (202)
Medicine^{2,4,6}	Math 12, Chemistry 12	Math 30 or PMAT 30 or Math 31, Chemistry 30	Math B30 & C30, Chemistry 30	Advanced Functions MHF4U, Chemistry SCH4U	Math (201), Chemistry (202)
Pharmacy	Math 12*, Chemistry 12	Math 30* or PMAT 30* or Math 31*, Chemistry 30	Math B30* & C30*, Chemistry 30	Advanced Functions MHF4U*, Chemistry SCH4U	Math (201)*, Chemistry (202)
Science	Math 12*, and some will require Chemistry 12 and/or Physics 12	Math 30* or PMAT 30* or Math 31*, and some will require Chemistry 30 and/or Physics 30	Math B30* & C30*, and some will require Chemistry 30 and/or Physics 30	Advanced Functions MHF4U* and some will require Chemistry SCH4U and/or Physics SPH4U	Math (201)*, and some will require Chemistry (202) and/or Physics (203)

*minimum requirement of 60% per course

NOTES ¹ Agribusiness program does not require Chemistry.

² A minimum average of 60% is strongly recommended for Medicine and Dentistry. Most science-based courses will require a minimum average of 60% in required Grade 12 math courses.

³ Dentistry will require two years of pre-study (University 1 or equivalent and one year of science).

⁴ Education and Medicine will require a university degree.

⁵ Geophysics does not require Chemistry

⁶ Grade 12 Physics recommended in preparation for writing the Medical College Admissions Test (MCAT).

⁷ Advanced Functions and Introductory Calculus 12U will be accepted for MHF4U.

All Advanced Entry programs require the appropriate high school coursework and at least one year of study (University 1 or equivalent) in specific university coursework, prior to application.

For details about program requirements, refer to umanitoba.ca/u1/startbook.

Nova Scotia	New Brunswick	Prince Edward Island	Newfoundland/ Labrador
Pre-Calculus Math 12*, Chemistry 12, (and Physics 12 for Pre-Veterinary Medicine)	Advanced Math 120* or Math 121*, Chemistry 121 or 122, (and Physics 121 or 122 for Pre-Veterinary Medicine)	Math 621* or 611*, Chemistry 621 or 611, (and Physics 621 or 611 for Pre-Veterinary Medicine)	Math 3204* or 3205* or 3207*, Chemistry 3202, (and Physics 3204 for Pre-Veterinary Medicine)
Pre-Calculus Math 12*	Advanced Math 120* or Math 121*	Math 621* or 611*	Math 3204* or 3205* or 3207*
Pre-Calculus Math 12, Chemistry 12	Advanced Math 120 or Math 121, Chemistry 121 or 122	Math 621 or 611, Chemistry 621 or 611	Math 3204 or 3205 or 3207, Chemistry 3202
Pre-Calculus Math 12, Chemistry 12, Physics 12	Advanced Math 120 or Math 121, Chemistry 121 or 122, Physics 121 or 122	Math 621 or 611, Chemistry 621 or 611, Physics 621 or 611	Math 3204 or 3205 or 3207, Chemistry 3202, Physics 3204
Depending on teaching area: Pre-Calculus Math 12*, and/or Chemistry 12, and/or Physics 12	Depending on teaching area: Advanced Math 120* or Math 121*, and/or Chemistry 121 or 122 and/or Physics 121 or 122	Depending on teaching area: Math 621* or 611*, and/or Chemistry 621 or 611 and/or Physics 621 or 611	Depending on teaching area: Math 3204* or 3205* or 3207*, and/or Chemistry 3202 and/or Physics 3204
Pre-Calculus Math 12*, Chemistry 12*, Physics 12*	Advanced Math 120* or Math 121*, Chemistry 121* or 122*, Physics 121* or 122*	Math 621* or 611*, Chemistry 621* or 611*, Physics 621* or 611*	Math 3204* or 3205* or 3207*, Chemistry 3202*, Physics 3204*
Pre-Calculus Math 12*, Chemistry 12, Physics 12	Advanced Math 120* or Math 121*, Chemistry 121 or 122, Physics 121 or 122	Math 621* or 611*, Chemistry 621 or 611, Physics 621 or 611	Math 3204* or 3205* or 3207*, Chemistry 3202, Physics 3204
Pre-Calculus Math 12, Chemistry 12	Advanced Math 120 or Math 121, Chemistry 121 or 122	Math 621 or 611, Chemistry 621 or 611	Math 3204 or 3205 or 3207, Chemistry 3202
Pre-Calculus Math 12, Chemistry 12	Advanced Math 120 or Math 121, Chemistry 121 or 122	Math 621 or 611, Chemistry 621 or 611	Math 3204 or 3205 or 3207, Chemistry 3202
Pre-Calculus Math 12*, Chemistry 12	Advanced Math 120* or Math 121*, Chemistry 121 or 122	Math 621* or 611*, Chemistry 621 or 611	Math 3204* or 3205* or 3207*, Chemistry 3202
Most areas will require Pre-Calculus Math 12*, and some will require Chemistry 12 and/or Physics 12	Advanced Math 120* or Math 121* and some will require Chemistry 121 or 122 and/or Physics 121 or 122	Math 621* or 611* and some will require Chemistry 621 or 611 and/or Physics 621 or 611	Math 3204* or 3205* or 3207*, and some will require Chemistry 3202 and/or Physics 3204

The following programs require Grade 12

Mathematics

Environment, Earth and Resources (Environmental Studies)

Human Ecology

Kinesiology and Recreation Management

Medical Rehabilitation

Nursing

Science

Important: Recommended Courses

Grade 12 Biology (or equivalent) is not a pre-requisite for university biology courses, but it is strongly recommended for programs in the following faculties:

Agricultural and Food Sciences, Dental Hygiene, Dentistry, Education, Environment, Earth, and Resources, Kinesiology and Recreation Management, Medical Rehabilitation, Medicine, Pharmacy, Science

Note: Please see the U1 Startbook for the other recommended course areas for each program.

For the following advanced entry faculties, no specific high school courses are required.

Architecture

Arts

Environment, Earth and Resources, Geography - (B.A. only)

Fine Arts¹

Law²

Social Work

¹ Grade 12 Art is recommended

² Law will require two years of pre-study (University 1 or equivalent and one year of any other university program)

English Requirements

umanitoba.ca/admissions/english

Prior to admission, all applicants must demonstrate a command of English. An applicant whose primary language is not English or whose previous education has been conducted in another language, must demonstrate a competence in the English language sufficient to meet the demands of classroom instruction, written assignments and participation in tutorials and discussions in English.

This is demonstrated by meeting one of the options below:

1. Ten consecutive years of residency in Canada or in a country where English is the primary language (as determined by Enrolment Services at the University of Manitoba) - this may include years of study in English. The period of residency will be the time lapsed between the "Landed On" date on the "Record of Landing" document and July 1 of the year of application.
2. Successful completion of schooling in Canada or in a country where English is the primary language (as determined by Enrolment Services at the University of Manitoba), as in one of the following:
 - three year secondary school program
 - three year post-secondary education (excludes ESL study)
 - any combination of three successful years of secondary and post-secondary education
 - graduation from secondary school in Manitoba, with five credits at the Grade 12 level, which include two credits of English at the 40S or U level with an average grade of 75% over the two English credits.
 - graduation from a high school in any country in which English is the primary language (as determined by Enrolment Services at the University of Manitoba), fulfilling the minimum admission requirements, *and* one Grade 12 English credit with a minimum grade of 75%
3. Achieved a grade of four or greater on the International Baccalaureate Higher Level English course, or a grade of four or greater on the Advanced Placement English examination (Language Composition; Literature and Composition).
4. Achieved a sufficient grade on one of the recommended English Language Proficiency Tests. See adjacent table.
5. Successful completion of the AEPUCE program through the University of Manitoba English Language Centre. For entry into the 14-week AEPUCE program (see table), students need a TOEFL score of 500 (PBT), 173 (CBT) or 64 (iBT), 5.5 on IELTS or equivalent on other tests.
6. In-person applicants only: Passing an English language waiver test at the University of Manitoba English Language Centre as recommended by an Admissions Officer.

General Notes:

1. The term "primary language" refers to that language which is most commonly used in homes, communities, and daily commerce in the applicant's native country. It may or may not be the country's official language or one of the country's official languages, or the language of instruction. Note: Enrolment Services determines if English is a primary or non-primary language.
2. Successful completion of secondary studies means that admissions requirements are met. Secondary education must include Grade 12 (or equivalent), where appropriate.

English Language Proficiency Tests

Required Score	
Test of English as a Foreign Language (TOEFL) toefl.org	Paper-based (PBT): Achieve a minimum score of 550 with no less than 50 (unscaled) in each of the component scores Computer-based (CBT): Achieve a minimum score of 213 with no less than 17 in each component score Internet-based (iBT) Achieve a minimum score of 80 with no less than 19 on each component score
Canadian Test of English for Scholars and Trainees (CanTEST) umanitoba.ca/elc	Achieve minimum scores of 4.5 in Reading, 4.5 in Listening, and 4.0 in Writing
International English Language Testing System (IELTS) ceii.org	Achieve a minimum score of 6.5 based upon Academic Module
Canadian Academic English Language Assessment (CAEL) cael.ca	Achieve a minimum score of 60
Michigan English Language Assessment Battery (MELAB) lsa.umich.edu/eli/melab.htm	Achieve a minimum score of 80
University of Cambridge Certificate in Proficiency in English ceii.org	Achieve a grade of A, B, or C
Academic English Program for University and College Entrance or AEPUCE, as taught by the University of Manitoba English Language Centre (ELC) umanitoba.ca/elc	Achieve a minimum of 65%

Note: Tests taken more than two years prior to application will not be considered.

AP and IB Secondary School Programs

umanitoba.ca/admissions

The University of Manitoba recognizes the Advanced Placement (AP) and International Baccalaureate (IB) enriched secondary school programs.

Many courses are eligible for advanced university credit. The minimum AP or IB result required is four, however, some departments may stipulate a higher minimum score. There is no maximum number of allowable credits for AP or IB credits, and credits may be used to fulfill University of Manitoba entrance requirements.

Assigned Grades

Students will be assigned grades on their University of Manitoba records for their AP and IB examination results. Grades will be assigned on the following scale:

Exam result	University grade
AP 3 and less	no credit
AP 4	B
AP 5	A
AP exam 5 and 95% in course	A+
IB 3 and less	no credit
IB 4	B
IB 5	B+
IB 6	A
IB 7	A+

IB Diploma

Holders of the IB Diploma Programme are acknowledged as holding the equivalent of Manitoba high school graduation standing for purposes of admission. This recognition is significant only to IB graduates of provinces outside of Manitoba or countries who do not hold any other provincial or national qualification. To qualify for admission, an IB Diploma Programme holder must present three courses at the higher level and three courses at the standard level; a minimum in each subject of four with an overall minimum score of 24.

Manitoba students registered in the IB Diploma Programme also complete the Manitoba high school program, and as a result, students may receive individual credit for IB Diploma Programme coursework.

How to apply for advanced credit:

1. Ensure an official copy of your results is forwarded to the University of Manitoba.
2. For AP results, this is accomplished by designating the University of Manitoba on the Master Identification Answer Sheet or the College Information Card, or by making a subsequent transcript request to the College Board. For IB results, this is accomplished by requesting the IBO to forward a copy of your results to the Admissions Office at the University of Manitoba.
3. Complete and submit the form entitled Request for University Credit for Advanced Placement or International Baccalaureate Results from the University of Manitoba or umanitoba.ca/admissions

Note: Since acceptance of AP or IB credit is not compulsory, you must indicate your intention to claim credit by submitting the completed form to Admissions.

Advanced Placement (Minimum Grade of 4)

AP Examination	University Credit Granted
Art	Transfer at 1000 level: STDO 1XXX (6)
Biology	Biology 1 & 2 BIOL 1020 (3) & 1030 (3)
Chemistry	University 1 Chemistry CHEM 1300 (3) & 1310 (3)
Computer Science	Introductory Computer Science COMP 1010 (3) & COMP 1020 (3)
Economics	ECON 1200 (6)
English	Representative Literary Works ENGL 1200 (6)
Environmental Science	Environmental Science 1: Concepts ENVR 1000 (3)
French Language	French FREN 1200 (6)
French Literature	French FREN 1200 (6)
German	Beginning German GRMN 1120 (6)
Government and Politics	no credit
History	Transfer at 1000 level: HIST 1XXX (6) in General or Modern World History Areas
Latin	Transfer at 1000 level: LATN 1XXX (3)
Mathematics (Calculus AB or BC)	Introduction to Calculus MATH 1500 (3) OR Applied Calculus Math 1510 (3)
Music	no credit
Physics (A or B)	General Physics 1 PHYS 1020 (6)
Psychology	Introduction to Psychology PSYC 1200 (6)
Spanish Language	Intermediate Spanish Language Review SPAN 1260 (3) & Spanish Oral 1 SPAN 1270 (3)
Spanish Literature	Transfer at 2000 level: SPAN 2XXX (6)

International Baccalaureate (Minimum Grade of 4)

IB Higher Level Result	University Credit Granted
Anthropology (Social)	Cultural Anthropology ANTH 1220 (3)
Biology	Biology 1 & 2 BIOL 1020 (3) & 1030 (3)
Chemistry - higher	Structure and Modelling in Chemistry CHEM 1300 (3) & Introduction to Physical Chemistry CHEM 1310 (3)
Chemistry - standard	Structure & Modeling in Chemistry CHEM 1300 (3)
Chinese (Mandarin)	no credit
Computer Science	Introductory Computer Science COMP 1010 (3) + COMP 1020 (3)
Economics	Principles of Economics ECON 1200 (6)
English	Representative Literary Works ENGL 1200 (6)
Fine Arts: Visual Arts	Transfer at 1000 level: STDO 1XXX (6)
French - higher	French 1 FREN 1200 (6)
French - standard	French 1 FREN 1200 (6)
Geography	Introductory Geography GEOG 1200 (6)
German-Intermediate	Beginning German GRMN 1120 (6)
German-Continuing	Beginning German GRMN 1120 (6)
Greek (Ancient)	Transfer at 2000 level: GRK 2XXX (3)
History	Transfer at 1000 level: HIST 1XXX (6) in general or Modern World History Areas
Italian	Intermediate Italian ITLN 2080 (6)
Latin	Transfer at 1000 level: LATN 1XXX (3)
Mathematics - higher	Introduction to Calculus MATH 1500 (3)
Mathematics - standard	Transfer at 1000 level: MATH 1XXX (3)
Physics	General Physics I PHYS 1020 (3) & General Physics II PHYS 1030 (3)
Polish	Intermediate Polish POL 2890 (6)
Psychology	Introduction to Psychology PSYC 1200 (6)
Russian	Intermediate Russian RUSN 2810 (6)
Spanish	Transfer at 2000 level: SPAN 2XXX (6)

AP and IB Notes:

1. The list of transfer credits is currently under review and subject to change.
2. The faculties and schools of the University of Manitoba will be reviewing their policies on AP & IB credits to determine how these credits might be used to meet the requirements. When students claim their AP or IB credits they should verify the regulations applicable to their faculty/school of interest with the Enrolment Services (Admissions) or the University 1 Student Help Centre, and should take these regulations into account when registering for their university programs.
3. The number in brackets following the University of Manitoba course number is the credit hours assigned to that course. A full course is six credit hours, a half course is 3 hours.
4. Credit given for AP or IB in Mathematics, Biology, Chemistry and Physics includes credit for the university lab component.
5. The Mathematics Department will continue to allow select students to challenge for credit Vector Geometry and Linear Algebra MATH 1300 (3).

Scholarships

umanitoba.ca/student/fin_awards

In recognition of outstanding students, the University of Manitoba and its donors provide over 11 million dollars in entrance and continuing student scholarships, athletic awards, and bursaries.

	Value	Requirements	How to apply	Deadline
Isabel Auld Entrance Scholarship & Chancellor Scholarships <i>Eligibility:</i> Manitoba applicants*	\$5000 (renewable for three consecutive years)	<p>The Isabel Auld Scholarship is awarded to the high school student who graduates with the highest academic average. The Chancellor Scholarships are awarded to the next three high school students graduating with the highest averages.</p> <ul style="list-style-type: none"> a minimum average of 95% over the best five Grade 12 courses which must also appear on the list of acceptable courses for Entrance Scholarships below. the highest aggregate score on one English course AND Pre-Calculus Math AND at least one science or language course. recipients must be registered for and remain registered in a full-time program achieving a GPA of at least 3.75 each year. 	Submission of Undergraduate Application for Admission	February 22
Leader of Tomorrow Scholarships (at least six awards offered annually) <i>Eligibility:</i> Manitoba and northwest Ontario applicants*	\$5000	<p>Awarded to exceptional high school graduates who combine outstanding leadership potential with academic giftedness.</p> <ul style="list-style-type: none"> minimum high school average of at least 90% calculated on the basis of results in: <ul style="list-style-type: none"> English 30S or Français 30S and Anglais 30S Pre-Calculus Math 30S The highest marks in three of Biology 30S, Chemistry 30S, Physics 30S, History 30S, Geography 30S or a language at the 30S level other than those listed above. Demonstrated evidence of leadership qualities, future potential, and a high level of communication skills Record of community/school involvement Demonstrated evidence of special abilities other than those shown by academic results 	<p>Completion of Leader of Tomorrow Application.</p> <p>Forms available by October 1st at all high schools and the University of Manitoba Financial Aid & Awards Office</p>	December 1
Advanced Early Admission Scholarships <i>Eligibility:</i> Manitoba and northwest Ontario applicants*	\$1700	<p>An excellent Grade 11 average based on five full courses including:</p> <ul style="list-style-type: none"> English 30S and Math 30S The best three from : <ul style="list-style-type: none"> Biology 30S History 30S or equivalents Chemistry 30S Geography 30S Physics 30S Language 30S (other than English) a mid-term final Grade 12 average at or above a predetermined threshold, initially to be set at 90% (based on courses used for the University of Manitoba Entrance Scholarships). 	<p>-Submission of Undergraduate Application for Admission</p> <p>-Official transcript of Grade 11 results</p>	December 3
Entrance Scholarships <i>Eligibility:</i> All Canadian applicants* ** Winners of a \$2000 Entrance Scholarship will be designated as President's Scholars with a guaranteed award of \$1000 in each subsequent year provided renewal criteria are met.	<p>Based on averages:</p> <p>Tier I: 95-100% \$2000**</p> <p>Tier II: 92.5-94.9% \$1700</p> <p>Tier III: 90-92.4% \$1400</p> <p>Tier IV: 87.5- 89.9% \$1100</p> <p>Tier V: 85-87.4% \$800</p>	<p>A minimum 85% average over five 40S courses from the following list in different subject areas (with the exception of English courses where two English courses can be counted):</p> <ul style="list-style-type: none"> Art 40S, Biology 40S, Chemistry 40S, Computer Science 40S, English/Anglais 40S, Geography 40S, History 40S, Latin 40S, Physics 40S, Social Studies: World Issues 40S One of Applied Math 40S or Pre-Calculus 40S One of Music 40S or Private Music Option 42S One of Clothing, Housing & Design 40S, Family Studies 40S or Foods & Nutrition 40S One of Canadian Aboriginal Language 41G, Deutsch 40S, Filipino 40S, French/Français 40S (if not used in lieu of English/Anglais 40S), German 40S, Hebrew 40S, Icelandic 40S, Italian 40S, Japanese 40S, Mandarin 40S, Polish 40S, Portuguese 40S, Spanish 40S, Ukrainian 40S <p>Advanced Placement, International Baccalaureate or dual credit standing is considered as 40S for award purposes.</p> <p>A comparable level of academic standing will be used to assess candidates from outside Manitoba.</p>	Submission of Undergraduate Application for Admission	February 22
Entrance Scholarships <i>Eligibility:</i> International applicants	<p>Based on averages:</p> <p>Tier I: 95%-100%: \$2000</p> <p>Tier II: 90%-94.9%: \$1400</p> <p>Tier III: 85%-89.9%: \$800</p>	<p>Awarded to international high school students with a minimum of 85% average in their final year of high school. Candidates must be entering Canada on a Study Permit or paying the international student fee.</p>	Submission of Undergraduate Application for Admission	May 1
Chown Centennial Scholarships <i>Eligibility:</i> Manitoba & northwest Ontario applicants*	\$500	<p>All high schools in Manitoba and northwestern Ontario select one "all-round" best student graduating from their high school according to criteria established by each school.</p> <p>Criteria must include:</p> <ul style="list-style-type: none"> a Grade 12 average of 85% or greater calculated on courses listed for admission to the University of Manitoba 	Submission of Undergraduate Application for Admission	February 22
International Baccalaureate Entrance Scholarships <i>Eligibility:</i> All applicants	<p>Based on points:</p> <p>Tier I: 43-44 : \$2800</p> <p>Tier II: 40-42 : \$2500</p> <p>Tier III: 37-39 : \$2200</p> <p>Tier IV: 34-36 : \$1900</p> <p>Tier V: 31-33: \$1600</p> <p>Tier VI: 28-30: \$1300</p> <p>Tier VII: 25-27: \$1100</p>	<ul style="list-style-type: none"> completion of the full diploma program, including completion of the course <i>Theory of Knowledge</i>, the extended essay and involvement in volunteer work through the CAS—extra-curricular, community service/activities component a minimum grade of four or better on each of the three higher level and the three standard level papers. * Students who have already received a University of Manitoba Entrance Scholarship which is equal to or greater than the amount in their IB tier will not receive any further funding but students whose entrance scholarship amount is lower than their IB tier will receive an award for the difference. 	Submission of Undergraduate Application for Admission	<p>February 22</p> <p>Submission of final IB results by September 1</p>
Advanced Placement & International Baccalaureate Scholarship Enhancement <i>Eligibility:</i> All applicants	\$150-\$250	<ul style="list-style-type: none"> nomination for any University of Manitoba Entrance Scholarship (including Leaders of Tomorrow, Advanced Early Admission Scholarship, University of Manitoba Entrance Scholarship, Chown Centennial Scholarship, or International Baccalaureate Entrance Scholarship) for a \$150 award: AP result of four or an IB result of five on higher level papers for a \$200 award: an IB result of seven on standard level papers or six on higher level papers for a \$250 award: AP result of five or an IB result of seven on higher level papers 	Submission of Undergraduate Application for Admission	<p>February 22</p> <p>Submission of final AP or IB results by September 1</p>

* Includes international students graduating from a Manitoba high school (for Manitoba applicant consideration) and a Canadian high school (for Canadian applicant consideration).

	Value	Requirements	How to apply	Deadline
Fairfax Financial Holdings Limited Entrance Awards <i>Eligibility:</i> Canadian citizens and Permanent Residents graduating from a Canadian secondary school or CEGEP no later than 18 months prior to the start of the academic year	\$5000 (renewable for three additional years in a first degree program)	Applicants must have achieved a minimum 80% high school average on the high school courses used for admission, have demonstrated financial need based on government student loan assessment from their home province and have submitted a University of Manitoba General Bursary Application. Recipients will be eligible for renewal each year as long as they remain registered full-time, achieve a sessional grade point average of 3.5 and continue to demonstrate financial need through government loan assessments.	Completion of a Fairfax Financial Holdings Limited Entrance Award application and of a University of Manitoba General Bursary application. Forms available by mid-May through the University of Manitoba Financial Aid & Awards Office and website.	July 18

Awards and Financial Aid

umanitoba.ca/student/fin_awards

Applications and additional information about scholarships, awards and financial aid is available from the Financial Aid & Awards Office, 422 University Centre, (204) 474-9531, FAX: (204) 474-7543 or at umanitoba.ca/student/fin_awards.

Awards

	Value	Requirements	How to Apply	Deadline
Athletic Awards	\$500-full tuition amount	New and continuing University of Manitoba students who qualify for membership on any CIS-recognized university team. • selection by coach	No application, based on athletic ability	n/a
University of Manitoba Affiliated College Scholarships	Varying amounts	Membership at one of the following on-campus colleges including: St. Andrew's College, St. John's College, St. Paul's College, and University College or Collège universitaire de Saint-Boniface located off-campus. • recipients must be college members prior to September for most awards	Some awarded automatically, others will require an application through the college. * Applicants may apply prior to obtaining membership	Varying deadlines
University of Manitoba Students' Union (UMSU) Scholarships	\$500-\$700	Automatically awarded to the top four percent of students who have completed at least one year of study at the University of Manitoba.	No application	n/a

Financial Aid

	Value	Requirements	How to Apply	Deadline
Bursaries Bursaries are monies that are usually granted on the basis of financial need combined with a reasonable standard of academic performance. Unlike student aid, bursaries do not need to be repaid. These bursaries may include funding for groups such as single parents, students with disabilities, Aboriginal students, military and international students, etc.	\$100 - \$1000 (approximately \$3 000 000 awarded annually)	Registration as a full-time or part-time university student including: • satisfactory marks • clearly demonstrated financial need (usually students will have already applied for a Canada Student Loan)	University of Manitoba Bursary Application available at the outset of university classes from Financial Aid & Awards or program offices	October 1 (of the University year in which assistance is required) * Summer Term Bursaries: May 1
Government Student Loans The federal Canada Student Loans and provincial loans are a form of supplemental aid which remain interest free while at school, but which must be repaid starting six months after a student leaves university. * Canadian/Permanent residents only	Based on assessed need	The main assessment criteria include the cost of an applicant's educational program, the applicant's resources, and the resources of his/her family. • full-time government student aid recipients must register for and maintain a minimum of 18-30 credit hours	Submission of a loan application through the student's home province	Three months prior to start of classes
Work-Study Provides supplementary financial assistance for students through part-time campus employment during the Fall and Winter Terms (October to March).		• recipient of a government student loan of at least \$2000; or international students who have proof of government student sponsorship with a documented needs assessment. • registered at the University of Manitoba as a full-time student in the Fall and Winter Terms (minimum 18-30 credit hours). • have achieved a satisfactory academic standing with a minimum 2.0 GPA (and have received no letter grades of "F" in their previous academic session).	Submission of a University of Manitoba Work-Study application available from the Financial Aid & Awards Office	TBA (yearly)

Undergraduate Admissions Deadlines

umanitoba.ca/applynow

The application for undergraduate admission is used to apply for Direct Entry programs. All required documentation must be submitted in order to continue the application process. Generally, complete academic documentation should be received by July 15 for September admission.

Direct Entry Programs

FALL TERM (September 2008) Application Deadlines

PROGRAM	Note	Canadian Citizens/ Permanent Residents and International Applicants in Canada	Applicants outside of Canada
University 1, Engineering, Music	Advanced Early Application Deadline to be considered for Advanced Early Admission Scholarships	December 3	N/A
Music	Application, audition and entrance scholarship deadline	January 15	January 15
University 1, General Studies (Extended Education), Engineering, Fine Arts (studio degree and diploma programs), School of Agriculture (diploma)	Early Application Deadline to be considered for Entrance Scholarships	February 22	May 1
Engineering, Fine Arts (studio degree and diploma programs)	Application deadline	May 1	May 1
University 1, General Studies (Extended Education), School of Agriculture (diploma)	Application deadline	May 1 (recommended) August 15 (final deadline)	May 1 (recommended) July 2 (final deadline)

University 1 and General Studies (Extended Education) will continue to accept in-person applications with all documentation until August 29, 2008.

SUMMER TERMS (May-August 2008) Application Deadlines

Program	All Applicants
Summer 1 (May – June 2008) University 1 General Studies (Extended Education)	April 1
Summer 2 (July – August 2008) University 1 General Studies (Extended Education)	June 2

1. Summer terms are available to current students in all faculties and schools, but University 1, General Studies (Extended Education), Arts, and Science are the only programs that allow students to begin their studies in Summer 1 or Summer 2. A minimum of 24 credit hours is required for admission to Arts or Science.
2. Although not recommended, late applications delivered in-person complete with documentation may be considered for General Studies (Extended Education), and University 1 until April 25 for Summer 1 and June 25 for Summer 2.

General Studies (Extended Education) applications may be accepted past the published deadlines with the approval by the program advisor.

WINTER TERM (January 2009) Application Deadlines

Program	All Applicants
Winter (Jan – June 2009) University 1 General Studies (Extended Education)	November 15

1. Although not recommended, late applications delivered in-person complete with documentation may be considered for General Studies (Extended Education), and University 1 until December 12.
2. Course registration begins in July for both terms.

Advanced Entry Programs

Advanced Entry programs have varying deadlines and specific application packages, which are available from Enrolment Services (Admissions) or at umanitoba.ca/applynow.

Certificate, Diploma, and Other Programs

The Extended Education Division offers certificates, diplomas, individual courses and seminars within program areas such as: Management, Professional and Community Programs, English Language Studies, Aboriginal Focus Programs, and Access. Each program has specific applications and deadlines. For more information, contact Extended Education or umanitoba.ca/extended.

Estimated Costs

umanitoba.ca/admissions/finances

Tuition fees are the fees a student in an undergraduate program taking a full courseload might pay during the Fall and Winter Terms (September-April). All amounts are listed in Canadian dollars and include student organization fees, endowment fees, service fees, technical fees, and any other significant miscellaneous fees.

Tuition fees are calculated on the per credit hour rate of the program offering the course and actual tuition fees may be higher or lower depending on the specific choice of courses.

FACULTY/DEPT	PROGRAM	Full Courseload (credit hours)	Canadians/ Permanent Residents	International Students	Approximate Books & Supplies
UNIVERSITY 1 ¹	Degree	30	\$3524	\$9776	\$1705
AGRICULTURE	Degree	30	\$4021	\$11299	\$1600
AGRICULTURE	Diploma	48	\$3884	\$10612	\$495
ARCHITECTURE	Degree	34	\$4451	\$11909	\$3427
ARTS	Degree	30	\$3067	\$8887	\$1550
BUSINESS	Degree	30	\$4580	\$12236	\$1490
DENTAL HYGIENE ^{2,3}	Degree	N/A	\$5797	Not eligible	\$7148
DENTISTRY ^{2,3}	Degree	N/A	\$12 760	Not eligible	\$15 174
EDUCATION	Degree	30	\$3448	\$9754	\$2736
ENGINEERING	Degree	41	\$5761	\$14084	\$3150
ENVIRONMENT, EARTH, AND RESOURCES	Degree	30	\$3730	\$10522	\$950
EXTENDED EDUCATION	Various	Various courses/program	Dependent on courses/program	Dependent on courses/program	Dependent on courses/program
FINE ARTS	Degree (Art History)	30	\$3924	\$11 094	\$2594
FINE ARTS	Studio Degree	37	\$4777	\$13523	\$4746
FINE ARTS	Diploma	34	\$4411	\$12481	\$4400
HUMAN ECOLOGY	Degree	30	\$3642	\$10164	\$2950
KINESEOLOGY AND RECREATION MNGMT.	Degree	35	\$4272	\$10677	\$1720
LAW	Degree	36	\$8392	\$12064	\$1921
MEDICAL REHABILITATION	Degree	45	\$5185	Not eligible	\$1196
MEDICINE ²	Degree	N/A	\$7150	Not eligible	\$4000
MUSIC	Degree	32	\$3691	\$14191	\$3100
NURSING	Degree	33	\$4220	\$11886	\$2184
PHARMACY	Degree	41	\$5569	Not eligible	\$887
SCIENCE	Degree	30	\$4050	\$10842	\$1854
SOCIAL WORK	Degree	33	\$3766	\$10990	\$2205

¹ Fees for University 1 are based on a combination of science and arts courses.

² Fees for these programs are charged as a flat fee, regardless of courseload.

³ Approximate books & supplies cost includes required dental hygiene and dentistry kits

Estimated Costs: Full-Time, First-Year Student, University 1 (30 credit hours)

Actual costs for study at the University of Manitoba will depend on many factors in addition to the program of choice. Living costs and lifestyle choices should be included in an overall educational budget.

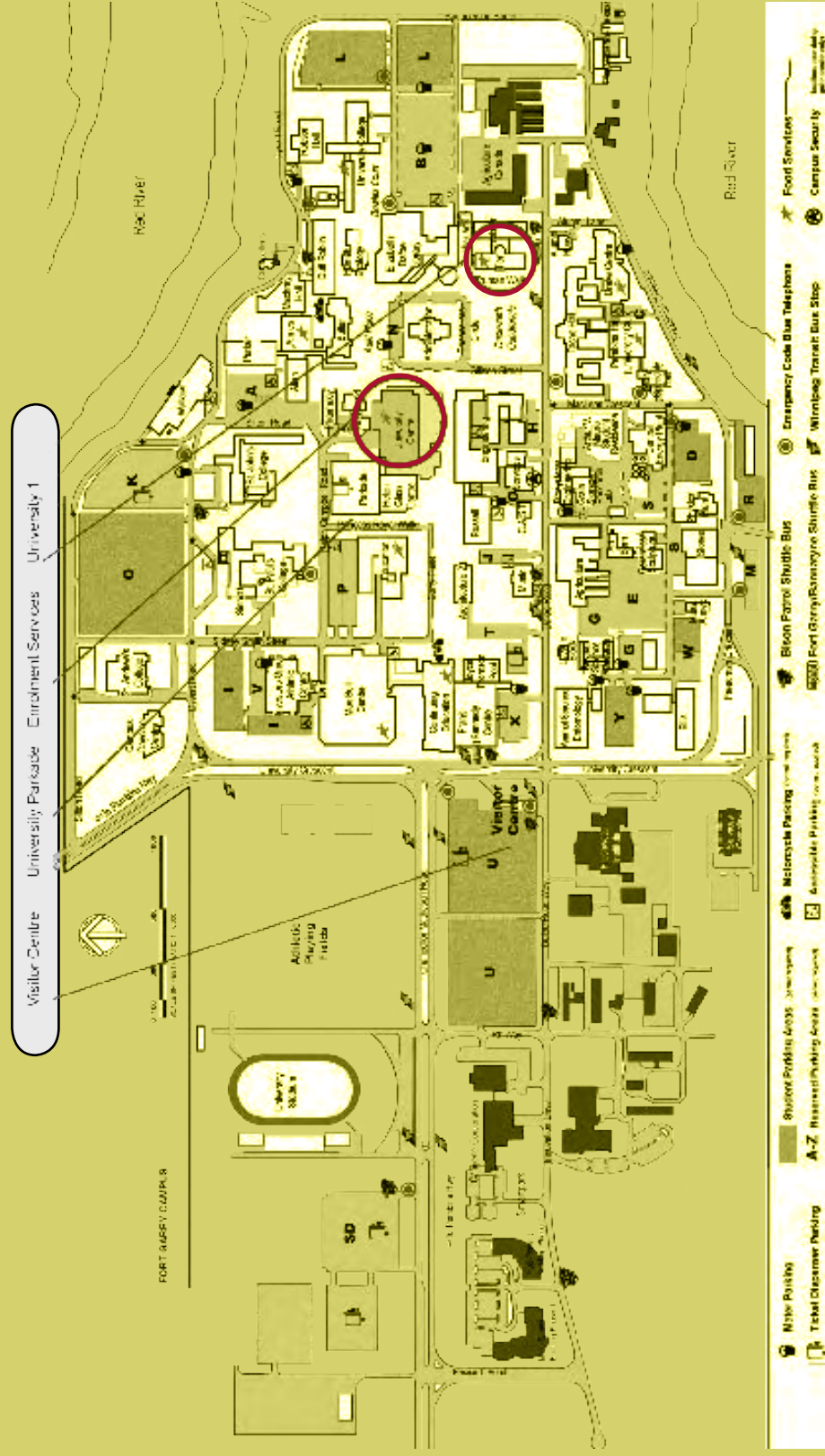
	Canadian/Permanent Residents	International
Tuition	\$3524	\$9776
Books & Supplies (approximate)	\$1705	\$1705
Parking Pass (optional) ¹	\$456	\$456
Residence (optional)	\$6801	\$6801
Fitness Membership (optional)	\$102	\$102
Medical Insurance	\$232 ²	\$420 ³
Totals	\$12820	\$19260

1. Student rates are also provided for transportation using the local bus system. Cost for a monthly bus pass is approximately \$57.

2. Canadians/Permanent Residents who are covered under another medical plan may choose to decline participation in the University of Manitoba Students' Union (UMSU) health plan. Further information is available from the UMSU Health Insurance Office, Room 110 University Centre.

3. International students who are claiming exemption based on coverage by MHSC, CIDA, or other provincial or international scholarship plans must present proof of coverage to have the charge removed. Students wishing to obtain "family" coverage may do so on application to the Registrar's Office, Room 400 University Centre.

In the event of any inconsistency between the information found in this handbook and that of the undergraduate or graduate Calendar, the Calendar entry shall prevail.



Contacts and Campus Information

Enrolment Services

(Student Recruitment and Admissions)

www.umanitoba.ca/admissions

Office Hours:

8:30-4:30 p.m. (Mon-Fri)

8:30-7:00 p.m. (Tues)

424 University Centre, Winnipeg, MB R3T 2N2

Ph: 204-474-8808

Toll-Free: 1-800-432-1960 ext. 8808 (in N. America)

Fax: 204-474-7554

For an immediate response to inquiries: umanitoba.ca/ask

University 1

www.umanitoba.ca/u1

Office Hours: Monday/Thursday/
Friday, 8:30-4:30 p.m.

Tuesday/Wednesday, 9:30-4:30

205 Tier Building, Winnipeg, MB R3T 2N2

Ph: 204-474-6209

Toll-Free: 1-800-432-1960 ext 6209 (in N. America)

Fax: 204-474-7659

Email: university_1@umanitoba.ca

To arrange for a campus tour

Please call 474-8806

or contact: student_recruitment@umanitoba.ca

recruitment@umanitoba.ca

Visit the University of
Manitoba Info Days

February 19 and 20, 2008