

**Prerequisites for Math and Science at the University of Manitoba and University of Winnipeg
(Recommended prerequisites)**

University of Manitoba	Math			Science		
	Applied	PreCalculus		Biology	Physics	Chemistry
Agribusiness, Bachelor of Science	No	Yes		Yes	No	No
Agriculture, Bachelor of Science	Applied or PreCalculus			Yes	No	Yes
Agroecology	Applied or PreCalculus			Yes	No	Yes
Architecture	No	No		No	No	No
Asper School of Business	No	Yes		No	No	No
Athletic Therapist (Kinesiology)	No	No		Yes	No	Yes
Bachelor of Kinesiology	Applied or PreCalculus			Yes	No	Yes
Bachelor of Physical Education (Kinesiology)	Applied or PreCalculus			Yes	No	No
Dental Hygiene	Applied or PreCalculus			Yes	No	Yes
Dentistry	Applied or PreCalculus			Yes	Yes	Yes
Diploma in Agriculture	No	No		One of Biology, Chemistry, Physics or Computer Science		
Education	(depends on Major and Minors)			No	No	No
Engineering	No	Yes		No	Yes	Yes
Environmental Science	No	Yes			Yes	
Environmental Studies	No	No		Yes	No	Yes
Faculty of Arts	No	No		No	No	No
Faculty of Science	Applied or PreCalculus			One of Biology, Chemistry, Physics or Computer Science		
Fine Arts	No	No		No	No	No
Food Science	No	Yes		Yes	No	Yes

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	Applied	PreCalculus		Biology	Physics	Chemistry
Geography	No	No		No	No	No
Geological Studies	No	Yes		No	Yes	Yes
Health Sciences	Applied or PreCalculus			Yes	No	Yes
Human Nutritional Science	Applied or PreCalculus			Yes	No	Yes
Law	No	No		No	No	No
Medicine	Applied or PreCalculus			Yes	Yes	Yes
Midwifery	Applied or PreCalculus			Yes	No	Yes
Music	No	No		No	No	No
Nursing	No	No		Yes	No	No
Pharmacy	No	Yes		Yes	No	Yes
Physical Geography	No	Yes		No	No	Yes
Recreation Management & Community Development	No	No		No	No	No
Respiratory Therapy	Applied or PreCalculus			Yes	Yes	Yes
School of Art	No	No		No	No	No
Social Work	No	No		No	No	No
University One	No	No		No	No	No

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Anthropology	No	No		No	No	No
Applied Computer Science	Applied or PreCalculus			No	No	No
Athletic Therapy	Applied or PreCalculus			No	No	No
Bioanthropology	Applied or PreCalculus			No	No	Yes
Biochemistry	Applied or PreCalculus			No	No	Yes
Biology	Applied or PreCalculus			No	No	Yes
Business Administration	Applied or PreCalculus			No	No	No
Chemistry	Applied or PreCalculus			No	No	Yes
Chiropractic	Applied or PreCalculus			No	No	Yes
Dental Hygiene	Applied or PreCalculus			Yes	No	Yes
Dentistry	Applied or PreCalculus			Yes	Yes	Yes
Economics/Economics & Finance	Applied or PreCalculus			No	No	No
Education	(depends on Majors and Minors)			No	No	No
Environmental Studies	Applied or PreCalculus			No	No	Yes
Geography	Applied or PreCalculus			No	No	No
Journalism	No	No		No	No	No
Kinesiology	Applied or PreCalculus			No	No	No
Law	No	No		No	No	No
Mathematics	No	Yes		No	No	No
Medical Technology	Applied or PreCalculus			No	Yes	Yes
Medicine	Applied or PreCalculus			Yes	Yes	Yes
Neuroscience	Applied or PreCalculus			No	No	Yes
Occupational Therapist	Applied or PreCalculus			Yes	Yes	Yes
Optometry	Applied or PreCalculus			No	Yes	Yes

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Pharmacy	Applied or PreCalculus			Yes	No	Yes
Physical Therapy	Applied or PreCalculus			No	No	Yes
Physician Assistant	Applied or PreCalculus			Yes	Yes	Yes
Physics	No	Yes		No	Yes	No
Radiation Therapy	Applied or PreCalculus			No	Yes	Yes
Respiratory Therapy	Applied or PreCalculus			Yes	Yes	Yes
Social Work	No	No		No	No	No
Statics	Applied or PreCalculus			No	No	No
Veterinary	Applied or PreCalculus			Yes	Yes	Yes