

Prerequisites for Math and Science at the University of Manitoba and University of Winnipeg (2023-2024)
(Recommended prerequisites)

| University of Manitoba | Math | | | Science | | |
|---|--------------------------------------|--------------------|--|---|----------------|--|
| | Applied | PreCalculus | | Biology | Physics | Chemistry |
| Agribusiness, Bachelor of Science | No | Yes | | No | Yes | Yes |
| 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 | No |
| Bachelor of Kinesiology | Applied or PreCalculus | | | Yes | Yes | 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 | | One of Biology, Chemistry or Computer Science | Yes | One of Biology, Chemistry or Computer Science |
| 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 | | One of Biology, Chemistry or Computer Science | No | One of Biology, Chemistry or Computer Science |
| 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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| | Applied | PreCalculus | | Biology | Physics | Chemistry |
| 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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| | Applied | PreCalculus | | Biology | Physics | Chemistry |
| 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 |