

PEDIATRICS AND CHILD HEALTH, M.Sc.

Pediatrics and Child Health

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Academic Staff: Please refer to the Pediatrics and Child Health website (<https://umanitoba.ca/medicine/department-pediatrics-and-child-health/#find-an-advisor>) for Faculty information.

Pediatrics and Child Health Program Information

The department offers graduate programs leading to Master of Science and Doctor of Philosophy degrees in Pediatric Research. The Pediatric graduate programs offer students opportunities for cutting edge, multidisciplinary, collaborative and rigorous scientific training that emphasizes translational impact of their findings for the children for whom they care.

Admission Information

Admission to the Faculty of Graduate Studies

Application and Admission Procedures are found in the Academic Guide (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/application-admission-registration-policies/>).

Admission requirements for Master's students are found in the Master's Degrees General Regulations (https://catalog.umanitoba.ca/graduate-studies/academic-guide/masters-degrees-general-regulations/#Admission_FGSMasters) section of the Guide.

Pediatrics and Child Health M.Sc. Admission Requirements

To be considered for admission to this program, applicants must have a broadly health-related undergraduate degree, with a minimum 3.25 GPA and a minimum GPA of 3.25 in the last two years (60 credit hours) of study.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Pediatrics and Child Health M.Sc. program of study (<https://umanitoba.ca/explore/programs-of-study/pediatrics-child-health-msc/>) page.

Degree Requirements

The Pediatrics and Child Health M.Sc. consists of a total of 12 credit hours and a thesis. The following courses are required for all students:

- PEDS 7010: Pediatric Biostatistics (3 CH)
- PEDS 7020: Introduction to Research Methods (3 CH)

- PEDS 7030: Equity, Diversity and Inclusion for Professionals (0 CH)
- PEDS 7050: Ethics and Equity in Child Health Research (3 CH)
- PEDS 7070: Reflexive Practice in Patient Engagement (0 CH)
- PEDS 7080: Indigenous Child Health (0 CH)

Students must select two of the following courses (representing the two pillars) which are not their home pillar:

- PEDS 7130: Multidisciplinary Immersion in Clinical Research (1.5 CH)
- PEDS 7150: Multidisciplinary Immersion in Basic Sciences (1.5 CH)
- PEDS 7160: Multidisciplinary Immersion in Population Health (1.5 CH)
- PEDS 7170: Multidisciplinary Immersion in Practice & Policy (1.5 CH)

Students must attend a minimum of 4 CHRIM Research Rounds per academic term, and must present at CHRIM Research Rounds a minimum of once at the MSc level, and twice at the PhD level.

Expected Time to Graduate: 2 years

Progression Chart

Course	Title	Hours
Year 1		
Term 1		
PEDS 7010	Introduction to Biostatistics in Child Health Research	3
PEDS 7020	Introduction to Research Methods	3
PEDS 7030	Equity, Diversity and Inclusion for Professionals	0
PEDS 7040 or PEDS 7060	Introduction to a Clinical Environment ¹ or Considerations in the Delivery of Virtual Care in Pediatrics	0
PEDS 7080	Indigenous Child Health	0
GRAD 7500	Academic Integrity Tutorial	0
GRAD 7300	Research Integrity Tutorial	0
Hours		6
Term 2		
PEDS 7050	Ethics and Equity in Child Health Research	3
PEDS 7070	Reflexive Practice in Patient Engagement	0
Ethics submission		
Research proposal submission		
Hours		3
Year 2		
Term 1		
Students must select two of the following 1.5 CH courses which are not their home pillar:		3
PEDS 7130	Multidisciplinary Immersion in Clinical Research	
PEDS 7150	Multidisciplinary Immersion in Basic Sciences	
PEDS 7160	Multidisciplinary Immersion in Population Health	
PEDS 7170	Multidisciplinary Immersion in Policy and Practice	
Research project		
Hours		3

Term 2

GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		12

- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).

¹ PEDS 7040 is required for non-clinical students
 PEDS 7060 is required for clinical students

Registration Information

Students should familiarize themselves with the Faculty of Graduate Studies 'GRAD' courses applicable to their program (<https://catalog.umanitoba.ca/graduate-studies/registration-information/>). If you have questions about which GRAD course(s) to register in, please consult your home department/unit.

Regulations

Students must meet the requirements as outlined in both Supplementary Regulation and BFAR documents as approved by Senate.

Supplementary Regulations

Individual units may require specific requirements above and beyond those of the Faculty of Graduate Studies, and students should consult unit supplementary regulations (<https://umanitoba.ca/graduate-studies/supplementary-regulations/>) for these specific regulations.

Bona Fide Academic Requirements (BFAR)

Bona Fide Academic Requirements (BFAR) (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#BFAR>) represent the core academic requirements a graduate student must acquire in order to gain, and demonstrate acquisition of, essential knowledge and skills.

All students must successfully complete:

- GRAD 7300 prior to applying to any ethics boards which are appropriate to the student's research or within the student's first year, whichever comes first; and
- GRAD 7500 within the first term of registration;

unless these courses have been completed previously, as per Mandatory Academic Integrity Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7500>) and Mandatory Research Integrity Online Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7300>).

Students must also meet additional BFAR requirements (<https://umanitoba.ca/graduate-studies/student-experience/core-academic-requirements/#additional-requirements-by-program>) that may be specified for their program.

General Regulations

All students must:

- maintain a minimum degree grade point average of 3.0 with no grade below C+;
- meet the minimum and not exceed the maximum course requirements, and