

CURRICULUM TEACHING AND LEARNING, M.ED.

Curriculum, Teaching and Learning

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Curriculum, Teaching and Learning Program Information

The Department of Curriculum, Teaching and Learning offers the Master of Education program with concentrations in: ACE | Arts, Community and Education; Critical Perspectives in Curriculum, Teaching and Pedagogy; Indigenous (First Nations/Métis/Inuit) Perspectives in Curriculum, Teaching and Learning; Language and Literacy; Second Language Education; Studies in Contemplative, Holistic, and Integrative Education; and Studies in Mathematics Education and Science Education.

Please note that earning a Master of Education degree does not certify one to teach in the province of Manitoba.

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.

Curriculum, Teaching and Learning Admission Requirements

Applicants must possess:

- For the concentrations *Critical Perspectives in Curriculum, Teaching and Pedagogy*; *Indigenous (First Nations/Métis/Inuit) Perspectives in Curriculum, Teaching and Learning*; and *Language and Literacy*: a four-year Bachelor of Education degree, or a two-year After-Degree Bachelor of Education, or a three-year undergraduate degree which includes teacher training, plus a Post-Baccalaureate Diploma in Education (PBDE) with a minimum of at least 18 credit hours at the 5000 level.
- For the concentrations *ACE | Arts, Community and Education*; *Second Language Education*; *Studies in Contemplative, Holistic, and Integrative Education*; and *Studies in Mathematics Education and Science Education*: an acceptable four-year equivalent undergraduate degree from an academic institution recognized by the Faculty of Graduate Studies, or a three-year undergraduate degree, plus a PBDE which includes at least 18 credit hours at the 5000 level.

- A grade point average of 3.0 or better in the last 60 credit hours of university coursework.
- Normally two years of relevant work experience.
- Appropriate academic and/or professional background for the program area and concentration.
- Applicants may be required to take additional courses within their programs to enhance relevant professional and/or academic experience.

Individuals who graduate from the Certificate in Adult and Continuing Education (CACE) from the University of Manitoba must complete the following courses:

Course	Title	Hours
EDUA 1560	Adult Learning and Development	3
EDUA 1570	Foundations of Adult Education	3
EDUA 1580	Program Planning in Adult Education	3
EDUA 1590	Facilitating Adult Education	3

An additional 100 hours of elective credit through courses, seminars, 100 and workshops

The Faculty of Graduate Studies recognizes a complete CACE program as 15 credit hours towards the admission requirements for the M.Ed.; that is, giving 12 credit hours for the four core courses completed with a grade of 'B' or better and 3 credit hours (non assessable) for the 100 hours of elective study.

Individuals with a three-year undergraduate degree and the four CACE courses listed above must complete an additional 12 credit hours of senior level courses (i.e., 5000 level PBDE courses, 1000 or 2000 level B.Ed. courses, or courses at the 3000 level or above in other faculties) to have the 24 credit hours that are the minimal requirements for satisfying the "honours degree or equivalent" admission requirement. Those with the completed CACE would require an additional 9 credit hours of senior level courses.

Admission to the M.Ed. program is competitive. A number of factors are taken into account in arriving at an admission decision:

- the capacity of the department to provide the program of study requested by the applicant;
- the applicant's previous academic background and achievement;
- the referees' assessment of the applicant;
- the capacity of the department to provide the applicant with an advisor in the program area; and
- the applicant's Statement in Support of their application, including relevant professional experience.

Transfer of Credit

The granting of advanced credit is subject to the regulations of the Faculty of Graduate Studies and subject to approval of the program advisor and department head.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Curriculum, Teaching and Learning M.Ed. program of study (<https://umanitoba.ca/explore/programs-of-study/curriculum-teaching-and-learning-med/>) page.

Please note that International applications will be reviewed with the Canadian applications in February and March. All candidates who have

applied by the January deadline will be notified of the decision regarding their admission by early April.

Degree Requirements

The M.Ed. in Curriculum, Teaching and Learning has a thesis-based route and a course-based route with an oral defense. The M.Ed. course-based route at the University of Manitoba is typically a terminal degree. That is, it is insufficient, in number and of itself, as evidence of research capacity for admission into the Ph.D. in Education program at the University of Manitoba.

The following program requirements apply to all concentrations in the Department of Curriculum, Teaching and Learning. Specific concentration requirements are listed under each concentration below.

Not all courses are offered every year. Although many courses are offered yearly, most courses are offered in the evening and those wishing to study full-time should consult with the department head.

Expected Time to Graduate: full-time: 2 - 3 years; part-time: 4 - 5 years.

Program by Coursework and Thesis

A minimum of 18 credit hours of coursework. At least 12 credit hours must be at the 7000 level or equivalent. The remaining 6 credit hours may be at the 5000 level or above in the Faculty of Education, and/or at the 3000 level or above in other faculties.

EDUA 7830 or its equivalent, is a requirement of all M.Ed. programs in the Faculty of Education. In addition, thesis students must take 3 credit hours of research methods at the 7000 level in Education. In special circumstances research courses at the 3000 level or above in other faculties may be approved as an appropriate alternative to this requirement.

Program by Coursework and Comprehensive Option (either Examination or Project) (Course-based)

A minimum of 30 credit hours of coursework. At least 18 credit hours must be at the 7000 level. The remaining 12 credit hours may be at the 5000 level or above in the Faculty of Education, and/or at the 3000 level or above in other faculties.

EDUA 7830 or its equivalent, is a requirement of all M.Ed. programs in the Faculty of Education.

In addition, all students must complete 9 credit hours of core courses and 18 credit hours of concentration.

Course-based route students have the option of including a capstone course (EDUB 7540) as part of their 30 credit hours of required coursework. Normally, the capstone course is taken by students as preparation for the culminating activity. Students taking this course can expect to complete significant work towards fulfilling the comprehensive examination requirement.

ACE # Arts, Community and Education Concentration

The Master of Education in Arts, Community, and Education follows a social and environmental justice agenda, where students will explore contemporary theories and practices in arts education, such as critical and aesthetic philosophies, arts-based research, community arts and the role of cultural institutions in shaping society. Students will consider art education as a social, cultural and historical process as

individual and community transformation, whether the student chooses to work in formal or informal art education settings.

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 6 credit hours:	6
EDUB 7000	Contemporary Perspectives and Practices in Arts Education	
EDUB 7030	The Arts in Education	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA 7830	Engaging with Research in Education ²	3
EDUA/B XXXX	Research Methods Course ³	3
Hours		18
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0

Total Hours 18

- ¹ A total of 6 credit hours of coursework at the 7000 level deemed to be relevant to the concentration as determined and approved by the advisor and the department head.
- ² EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.
- ³ A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 6 credit hours:	6
EDUB 7000	Contemporary Perspectives and Practices in Arts Education	
EDUB 7030	The Arts in Education	
EDUA/B XXXX	Concentration Courses ¹	21
EDUA 7830	Engaging with Research in Education ²	3
Hours		30
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		30

- ¹ A total of 21 credit hours of coursework at the 5000 or 7000 level deemed to be relevant to the concentration as approved by the advisor and the department head.
- ² EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Critical Perspectives in Curriculum, Teaching and Pedagogy Concentration

Critical Perspectives in Curriculum, Teaching and Pedagogy focuses on these core questions: What is the purpose of education? What do we

mean by curriculum, teaching and pedagogy and who decides? Moreover, we consider how ideological and political discourses influence our understandings of curriculum, teaching and pedagogy. Understandings of curriculum expand beyond provincial curriculum documents and instructional resources, to include the ways in which curriculum is imagined, intellectualized, and enacted. This concentration will explore scholarship and research in curriculum theory, curriculum and pedagogical discourses, teaching and pedagogy, teacher identity, teacher education, and educational leadership. While grounded in curriculum theory, students can explore specific disciplines (e.g. social studies) and contexts (e.g. teachers, administrators, and specialists).

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 6 credit hours:	6
EDUB 7542	Contemporary Approaches to Curriculum Theorizing	
EDUB 7550	Curriculum: Historical Perspectives and Contemporary Implications	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA/B XXXX	Elective Courses ²	
EDUA 7830	Engaging with Research in Education ³	3
EDUA/B XXXX	Research Methods Course ⁴	3
Hours		18
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

¹ A total of 6 credit hours of coursework at the 7000 level deemed to be relevant to the concentration as determined and approved by the advisor and the department head.

² In addition, up to 6 more credit hours of coursework may be selected from any Faculty of Education courses at the 5000 or 7000 level.

³ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

⁴ A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 6 credit hours:	6
EDUB 7542	Contemporary Approaches to Curriculum Theorizing	
EDUB 7550	Curriculum: Historical Perspectives and Contemporary Implications	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA/B XXXX	Elective Courses ²	15
EDUA 7830	Engaging with Research in Education ³	3
Hours		30

Years 2-5

GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		30

¹ At least 6 credit hours of coursework at the 7000 level deemed to be relevant to the concentration as determined and approved by the advisor and the department head.

² Fifteen (15) credit hours of coursework at the 5000 level or above from the Faculty of Education. Three (3) of these credit hours may be from other faculties at the 5000 level or above.

³ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Indigenous (First Nations/Métis/Inuit) Perspectives in Curriculum, Teaching and Learning Concentration

Students in this concentration will study Indigenous (First Nations, Métis, and Inuit) ways of knowing and knowledge across curricular areas/disciplines. This concentration will offer students opportunities to explore Indigenous (First Nations, Métis, and Inuit) education as a field of study and practice, including decolonizing curriculum theory, curricula, and methodologies.

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 6 credit hours:	6
EDUB 7900	Critical Examination of Reconciliation in and through Education	
EDUB 7930	First Nations, Metis, and Inuit Ways of Knowing in/for Curriculum, Teaching and Learning	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA 7830	Engaging with Research in Education ²	3
EDUA/B XXXX	Research Methods Course ³	3
Hours		18
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

¹ Six credit hours selected from:

- EDUB 7910 Seminar in Indigenous (First Nations/Métis/Inuit) Education (3)
- EDUB 7950 Indigenous Storytelling, Narrative and Storywork as Pedagogy (3)
- Any 7000-level course offered in the Department of Curriculum, Teaching and Learning deemed to be relevant to the concentration as determined and approved by the advisor and the department head.

² EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

³ A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 9 credit hours:	9
EDUB 7900	Critical Examination of Reconciliation in and through Education	
EDUB 7930	First Nations, Metis, and Inuit Ways of Knowing in/for Curriculum, Teaching and Learning	
Any 7000 level 3 credit-hour course deemed to be relevant to the concentration and approved by both the advisor and the department head.		
EDUA/B XXXX	Concentration Courses ¹	18
EDUA/B XXXX	Research Methods Course ²	3
Hours		30
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		30

- ¹ A total of 18 credit hours of elective coursework from:
- EDUB 7910 Seminar in Indigenous (First Nations/Métis/Inuit) Education (3)
 - EDUB 7950 Indigenous Storytelling, Narrative and Storywork as Pedagogy (3)
 - 6 credit hours of 7000 level courses offered in the Department of Curriculum, Teaching and Learning
 - 6 credit hours of 5000 or 7000 level courses offered in the Faculty of Education

- ² EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Language and Literacy Concentration

The Master of Education in Language and Literacy program is a broad specialty encompassing pre-school to post-secondary levels. The purpose of the program is to develop a theoretical background and promote skills that will enable students to conduct independent research. Language investigation may also include social, political and cultural issues.

Literacy educators are also interested in early language development, reading diagnosis and remediation, and the use of language to learn at all levels and in all content areas. Programs can be designed so that graduates can qualify for certification as Reading Clinicians.

Program Requirements are those listed above. Specific course requirements are as follows:

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0

EDUB 7XXX	Twelve (12) credit hours of concentration courses in Language and Literacy (at the 7000 level) in consultation with the advisor. These courses are normally selected from:	12
EDUB 7060	Seminar and Practicum in Clinical Diagnosis and Remediation	
EDUB 7070	Classical Research in Reading	
EDUB 7090	Seminar in Reading Processes	
EDUB 7100	Language and Literacy Curriculum Inquiry in the Early Years	
EDUB 7110	Research in Language and Literacy Development	
EDUB 7120	Curricular Issues in English Language Arts Education	
EDUB 7130	Becoming Writers: Power, Place and Pedagogy in Teaching Writing	
EDUB 7142	Topics in Curriculum, Teaching, and Learning	
EDUB 7150	Seminar in Reading and Response to Literature	
EDUB 7160	Language Teacher as Researcher	
EDUB 7180	Research in Written Composition	
EDUB 7190	Research in Language for Learning	
EDUB 7290	Curriculum Research in Early Years: Young Children and Social Semiotics	
EDUB 7530	Curriculum Development and Implementation in Language and Literacy	

or other 7000-level courses in Language and Literacy in consultation with the advisor and the department head.

EDUA 7830	Engaging with Research in Education ¹	3
EDUA/B XXXX	Research Methods Course ²	3
Hours		18

Years 2-5

GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

- ¹ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

- ² A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Fifteen (15) credit hours of concentration courses in Language and Literacy in consultation with the advisor (12 of which must be at the 7000 level). These courses are normally selected from:	15
EDUB 7060	Seminar and Practicum in Clinical Diagnosis and Remediation	
EDUB 7070	Classical Research in Reading	
EDUB 7090	Seminar in Reading Processes	

EDUB 7100	Language and Literacy Curriculum Inquiry in the Early Years	
EDUB 7110	Research in Language and Literacy Development	
EDUB 7120	Curricular Issues in English Language Arts Education	
EDUB 7130	Becoming Writers: Power, Place and Pedagogy in Teaching Writing	
EDUB 7142	Topics in Curriculum, Teaching, and Learning	
EDUB 7150	Seminar in Reading and Response to Literature	
EDUB 7160	Language Teacher as Researcher	
EDUB 7180	Research in Written Composition	
EDUB 7190	Research in Language for Learning	
EDUB 7290	Curriculum Research in Early Years: Young Children and Social Semiotics	
EDUB 7530	Curriculum Development and Implementation in Language and Literacy	
or other courses in Language and Literacy approved by the advisor and the department head.		
In addition, 12 credit hours of selected electives in consultation with the advisor.		12
EDUA 7830	Engaging with Research in Education ¹	3
Hours		30
Years 2-5		
GRAD 7010	Comprehensive Examination	0
Hours		0
Total Hours		30

¹ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Second Language Education Concentration

The Master of Education in Second Language Education (SLE) concentration addresses research, language learning, and pedagogical issues in teaching English as a second language and teaching English as a foreign language, in pre-Kindergarten to Grade 12 through adult teaching contexts. The MEd in SLE also offers students the opportunity to explore the theoretical foundations of curriculum in education in a cohort of approximately 30 graduate students. Our students have taught in a wide variety of international, national, and local contexts, and the MEd in SLE program is designed to provide challenging and stimulating frames of reference for SLE practice.

With the support of a program advisor (faculty member), graduate students in SLE will plan and complete a program of coursework in SLE, research methodologies, and curriculum, capped by a thesis or comprehensive examination option. The thesis or comprehensive option is intended to address the unique goals and interests of each graduate student.

Program Requirements are those listed above. Specific course requirements are as follows:

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses	12
EDUB 7210	Seminar in E.S.L. Theory and Practice	
EDUB 7212	Critical Applied Linguistics in a Global Context	
EDUB 7220	Research Issues and Application in TESL (Teaching English as a Second Language)	
EDUB 7580	Social, Cultural, and Political Theories in Second Language Acquisition	
In addition, up to 6 more credit hours of coursework may be selected from any Faculty of Education 5000 or 7000 level courses (except EDUB 5580). Advisors may decide that EDUB 5580 is a necessary component for the programs of students who have minimal second/foreign language teaching experience or for other reasons. This course will be added to a student's program as an auxiliary course above and beyond the minimum 18 credit hours.		
EDUA 7830	Engaging with Research in Education ¹	3
EDUA/B XXXX	Research Methods Course ²	3
Hours		18
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

- ¹ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.
- ² A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses	12
EDUB 7210	Seminar in E.S.L. Theory and Practice	
EDUB 7212	Critical Applied Linguistics in a Global Context	
EDUB 7220	Research Issues and Application in TESL (Teaching English as a Second Language)	
EDUB 7580	Social, Cultural, and Political Theories in Second Language Acquisition	
EDUA/B XXXX	Concentration Courses (see below)	15
EDUA 7830	Engaging with Research in Education ¹	3
Hours		30
Years 2-5		
GRAD 7010	Comprehensive Examination	0
Hours		0
Total Hours		30

¹ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Concentration Courses

In consultation with the advisor, 15 credit hours of coursework with a minimum of 9 credit hours at the 7000 level from the following course list, or other courses approved by the advisor and the department head (except EDUB 5580). Advisors may decide that EDUB 5580 is a necessary component for the programs of students who have minimal second/foreign language teaching experience or for other reasons. This course will be added to a student's program as an auxiliary course above and beyond the minimum 30 credit hours.

Course	Title	Hours
EDUA 7270	Seminar in Cross-Cultural Education 1	3
EDUA 7280	Seminar in Cross-Cultural Education 2	3
EDUA 7420	Program Planning in Adult Education	3
EDUB 5510	ESL Materials Development and Practicum	3
EDUB 7070	Classical Research in Reading	3
EDUB 7180	Research in Written Composition	3
EDUB 7214		
EDUB 7330	Inquiry in Curriculum and Instruction	3
EDUB 7420	Study of Teaching	3
EDUB 7540	Final Seminar in Curriculum, Teaching and Learning	3
EDUB 7550	Curriculum: Historical Perspectives and Contemporary Implications	3
EDUB 7560	Theory and Practice of Curriculum Design and Development	3

Studies in Contemplative, Holistic, and Integrative Education Concentration

Contemplative, Holistic, and Integrative Education takes its starting point in a view of humans that considers and integrates all aspects of what it means to be human, including but not limited to the physical, emotional, cognitive, social, ecological, ethical, creative, spiritual, and contemplative aspects. Contemplative, Holistic, and Integrative Education is about educating for a flourishing life. To this end, first, contemplative, Holistic, and Integrative Education draws on the wisdoms of different cultural traditions, multidisciplinary perspectives, and integrative practices from different times and places to educate for living in current times; and, second, Contemplative, Holistic, and Integrative Education integrates studies of the whole person, curriculum, teaching, and learning by collaboratively exploring holistic, experiential, and transformative educational approaches for a flourishing life in a flourishing society.

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 12 credit hours selected from the following:	12
EDUB 7700	Contemplative, Holistic, and Integrative Education: The Self	

EDUB 7710	Contemplative, Holistic, and Integrative Education: The Social, Cultural, and Ecological	
EDUB 7720	Approaches to Contemplative, Holistic, and Integrative Curriculum and Pedagogy	
EDUB 7730	Being an Educator in Contemplative, Holistic, and Integrative Education	
EDUB 7740	Recent Topics in Research in Contemplative, Holistic, and Integrative Education	
EDUA 7830	Engaging with Research in Education ¹	3
EDUA/B XXXX	Research Methods Course ²	3
Hours		18

Years 2-5

GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

¹ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

² A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Courses - 12 credit hours from the following:	12
EDUB 7700	Contemplative, Holistic, and Integrative Education: The Self	
EDUB 7710	Contemplative, Holistic, and Integrative Education: The Social, Cultural, and Ecological	
EDUB 7720	Approaches to Contemplative, Holistic, and Integrative Curriculum and Pedagogy	
EDUB 7730	Being an Educator in Contemplative, Holistic, and Integrative Education	
EDUB 7740	Recent Topics in Research in Contemplative, Holistic, and Integrative Education	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA/B XXXX	Elective Courses ²	9
EDUA 7830	Engaging with Research in Education ³	3
Hours		30
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		30

- ¹ In consultation with the advisor, 6 credit hours of coursework selected from:
- EDUB 7740 Recent Topics in Research in Contemplative, Holistic, and Integrative Education (3)
 - EDUB 7750 Seminar in Studies in Contemplative, Holistic, and Integrative Education (3)
 - Any 7000-level course deemed relevant to the concentration as determined and approved by the advisor and the department head.
- ² In consultation with the advisor, 9 credit hours of elective coursework selected from 5000 and 7000 level courses offered in the Faculty of Education.
- ³ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

Studies in Mathematics Education and Science Education Concentration (Studies in MESE)

Students will explore theories, research, policies and practices in mathematics education and science education as well as various intersections between the two disciplines. Mathematics education and/or science education will be examined in K-12 and post-secondary settings as well as in settings beyond schools. Throughout the program, students will consider the social, cultural, ethical, human rights and sustainability dimensions of mathematics education and/or science education.

Thesis Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Course - 3 credit hours:	3
EDUB 7492	Recent Advances in Mathematics Education and Science Education	
EDUA/B XXXX	Concentration Courses ¹	6
EDUA/B XXXX	Elective Courses ²	3
EDUA 7830	Engaging with Research in Education ³	3
EDUA/B XXXX	Research Methods Course ⁴	3
Hours		18
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		18

- ¹ One 3-credit-hour course at the 7000 level and one 3-credit-hour course at the 5000 level or above. Both courses must be deemed relevant to the concentration as determined and be approved by the advisor and the department head.
- ² Three (3) credit hours of coursework at 5000 level or above from the Faculty of Education. In addition, up to 6 more credit hours of coursework may be selected at the 5000 level or above from the Faculty of Education.
- ³ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.
- ⁴ A 7000 level, 3-credit hour research methods course in the Faculty of Education or 3000 level or above in other faculties.

Course Based

Course	Title	Hours
Years 1-3		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
EDUB 7XXX	Core Course - 3 credit hours:	3
EDUB 7492	Recent Advances in Mathematics Education and Science Education	
EDUA/B XXXX	Concentration Courses ¹	12
EDUA/B XXXX	Elective Courses ²	12
EDUA 7830	Engaging with Research in Education ³	3
Hours		30
Years 2-5		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		30

- ¹ A total of 12 credit hours of coursework of which 6 credit hours must at the 7000 level and 6 credit hours must be at the 5000 level or above. All courses must be approved by the advisor and the department head.
- ² Twelve (12) credit hours of coursework as electives. Six (6) credit hours must be from courses offered in the Department of Curriculum, Teaching and Learning of which 3 credit hours are at 7000 level and 3 credit hours at the 5000 level or above. In addition, 3 credit hours must be from the courses offered in the Faculty of Education at the 7000 level and 3 credit hours from courses offered in the Faculty of Education (5000 level or above) or another faculty (3000 level or above).
- ³ EDUA 7830 or its equivalent, is a pre-requisite to all EDUA and EDUB research methods courses.

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.

Registration Times and Status

Students are able to view their registration times on Aurora Student (https://aurora.umanitoba.ca/banprod/twbkwbis.P_GenMenu/?name=homepage) select Enrolment & Academic Records, select Registration, and then Registration Times and Status to view registration dates and times for a given term.

Students must ensure that courses to be taken have been approved and entered on their program approval form. If not approved, students should meet with their program advisor to select and approve the courses to be taken.

Continuing Courses (CO's)

The deadline for completion is normally not later than one year from the end of the term in which the course was originally registered. If the course is not completed by August 31, students must re-register for the course(s) for the next term in order to finish the course and to receive a grade.

Occasional Students

Prior to registration, students must obtain written permission from the department head for 7000 level Education courses. This permission must be submitted to the Office of Graduate and Professional Programs, and Research prior to attempting to register.

Registration for Student Initiated Courses

Prior to registration for student initiated courses, students must have the Student Initiated Form approved by their instructor and the department head and submitted to the Office of Graduate and Professional Programs, and Research. Upon receipt of the form, a Faculty of Education staff will schedule the course and contact the student with further instructions.

Registering for Courses Offered in Other Faculties

Education graduate students wanting to register for graduate courses outside the Faculty of Education are encouraged to contact the department concerned for registration procedures. In some cases, written approval may be required from the instructor and department head of the course requested. The written approval must be presented to the Office of Graduate and Professional Programs, and Research prior to attempting to register.

Students Registered in Other Faculties or Schools

Students registered in other faculties or schools wishing to register for an Education course may do so after a certain date. For details, see the Class Schedule schedule link on Aurora (<https://aurora.umanitoba.ca/>) for a given term and given course.

Visiting Students

Students who are working on a graduate program at another institution and wish to register for a graduate course at the University of Manitoba with the express purpose of having credit transferred to their home university must apply for admission to the Faculty of Graduate Studies by the published application deadline dates. Also, a letter of permission from their home university must be submitted to the Office of Graduate and Professional Programs, and Research, Faculty of Education prior to registration.

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