



Faculty of Education

**MASTER'S PROGRAM APPROVAL FORM**  
**Department of Curriculum, Teaching and Learning**  
**Studies in Mathematics Education and Science Education**  
**Concentration**

**(For Students Admitted Fall 2023 and Later)**

**Thesis-based Route** (minimum of 18 cr. hrs. [maximum of 24 cr. hrs.]

Name \_\_\_\_\_ Student Number \_\_\_\_\_ Date \_\_\_\_\_

Program Advisor \_\_\_\_\_ University E-mail \_\_\_\_\_

Thesis-based route				
	credit hours	Yr & term to be taken+	Grade	Comments
GRAD 7500 Academic Integrity Tutorial (must be taken within first term of program)	0			
GRAD 7300 Research Integrity Tutorial (must be taken within first year of program)	0			
<b>► CORE course:</b>				
EDUB 7492 Recent Advances in Mathematics Education and Science Education	3			
<b>► EDUA 7830</b> Engaging with Research in Education (3)	3			
<b>► Concentration Courses (6 credit hours):</b> Students select 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.				
# Title:				
# Title:				
# Title:				
# Title:				
<b>► Elective Courses (3 credit hours):</b> Students select 3 credit hours of coursework at 5000-level or above from the Faculty of Education. In addition, students may select up to 6 credit hours of coursework at the 5000-level or above from the Faculty of Education.				
# Title:				
# Title:				
# Title:				
# Title:				
<b>TOTAL CREDIT HOURS (normally 18)</b>				
# GRAD 7000 Thesis	N/A			
+ A future graduate course offering schedule is posted on the faculty's website: <a href="https://webapps-dist.umanitoba.ca/education/grad/grad-rotation/">https://webapps-dist.umanitoba.ca/education/grad/grad-rotation/</a> Advisors and students should plan column "Yr to be taken" in conjunction with this schedule. Students MUST register and pay fees for fall, winter & summer terms to maintain graduate student status regardless of whether coursework is being taken. Students select 12-credit hours of coursework minimum at 7000 - level.				

My initials indicate that I have reviewed this program plan with the student. We understand that this plan may change due to scheduling changes or student needs/interest and that when the plan changes, an add/delete form will be completed as soon as possible.

\_\_\_\_\_  
Advisor Initials

Notes (Office Use): \_\_\_\_\_  
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*All programs with courses coded Auxiliary must include a rationale.*