

**School of Education**  
**7-12 Mathematics**  
2021-2022 Catalog

Student: \_\_\_\_\_

ID#: \_\_\_\_\_

Advisor: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Overall Requirements to Graduate**

- 120+ semester hours
- Completion of core curriculum
- Completion of a major
- 36 upper division credit hours
- GPA above 2.0
- Major GPA above 2.0
- Minor/Program complete (optional)



**UNIVERSITY OF  
ST. THOMAS**

Credit Hour Breakdown	
Hours completed	
Hours in progress	
Core hours needed	
Major hours needed	
(Minor hours needed)	
(Other hours needed)	
Elective hours needed	
TOTAL HOURS (120+)	

Core Curriculum (54-56 hours)		Complete	Needed
<b>Theology (9 credit hours)</b> Must take in order. (Pre-req: Phil 1311 or 1315/3315)			
<input type="checkbox"/> THEO 1301/3301 Intro to Sacred Scriptures <input type="checkbox"/> THEO 2301/3311 Teachings of the Catholic Church <input type="checkbox"/> THEO 3349 Christ and the Moral Life (Phil 2314 or 2316/3316)	<b>Students with 30-59 transfer hrs:</b> 6-9 hours THEO 6-9 hours PHIL 3 hours Synthesis <i>(18 hours total)</i>	<b>Students with 60+ transfer hrs:</b> 6 hours THEO 6 hours PHIL NO synthesis <i>(12 hours total)</i>	
<b>Philosophy (9 credit hours)</b> Choose one sequence:			
<u>Systematic Sequence (must take in order)</u>	<u>Historical Sequence (must take in order)</u>		
<input type="checkbox"/> PHIL 1311 Philosophy of the Human Person <input type="checkbox"/> PHIL 2314 Ethics <input type="checkbox"/> PHIL 3313 Metaphysics	<input type="checkbox"/> PHIL 1315/3315 Ancient Philosophy <input type="checkbox"/> PHIL 2316/3316 Medieval Philosophy <input type="checkbox"/> PHIL 3317 – Modern Philosophy		
<b>Synthesis Course (3 credit Hours)</b>			
Choose <b>one</b> synthesis course from the Synthesis Course List.			
<b>English (9 credit hours)*</b> Must take in order.			
<input type="checkbox"/> ENGL 1341 The Classical Tradition: Literature & Composition I <input type="checkbox"/> ENGL 1342 The Middle Ages: Literature & Composition II <input type="checkbox"/> ENGL 2312 The Modern World: Literature & Composition III	<b>*Students with transfer credit:</b> 3 transfer credits: <i>Take 1341/1342 (left)</i> 6 transfer credits: <i>Take ENGL 3312 (below)</i> <input type="checkbox"/> ENGL 3312 <i>Perspectives in World Lit.</i>		
<b>History (6 credit hours)</b> Choose <b>one</b> pair of courses:			
<u>World History</u>	<u>U.S. History</u>		
<input type="checkbox"/> HIST 1335 World Community I <input type="checkbox"/> HIST 1336 World Community II	<input type="checkbox"/> HIST 2333 U.S. History to 1877 <input type="checkbox"/> HIST 2334 U.S. History since 1877		
<b>Social and Behavioral Sciences (6 credit hours)</b> Choose <b>one</b> option:			
<u>Social and Behavioral Sciences Option</u>	<u>Social and Behavioral Sciences + Oral Communication Option</u>		
<input type="checkbox"/> Choose <b>two</b> courses from the Social and Behavioral Sciences Core course list.	<input type="checkbox"/> Choose <b>one</b> course from the Social & Behavioral Sciences Core course list. <input type="checkbox"/> Choose <b>one</b> course from the Communication Core Course list.		
<b>Natural Sciences (8-10 credit hours)</b> Choose <b>one</b> option:			
<u>Natural Sciences Option (8 credit hours)</u>	<u>Natural Sciences + Modern and Classical Language Option (10 credit hours)</u>		
<input type="checkbox"/> Choose <b>two</b> lecture/laboratory courses from the Natural Sciences Core course list.	<input type="checkbox"/> Choose <b>one</b> lecture/laboratory course from the Natural Sciences Core course list. <input type="checkbox"/> Choose <b>two</b> sequential courses in a language. Courses must be completed in order		
<b>Mathematics (3 credit hours)</b>			
<input type="checkbox"/> Choose <b>one</b> course from the Mathematics Core Course list.			(Included in major)
<b>Fine Arts (3 credit hours)</b>			
<input type="checkbox"/> Choose <b>one</b> course from the Fine Arts Core Course list.			
<b>Freshman Symposium (1 credit hour)</b> Required for all incoming freshmen.			
<input type="checkbox"/> UNIV 1111 Freshman Symposium			

Last updated on June 11, 2021

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Major Requirements (64 credit hours)	Completed	Needed
<b>Mathematics (24 credit hours)</b>		
<input type="checkbox"/> MATH 1431 – Calculus I <input type="checkbox"/> MATH 1432 – Calculus II <input type="checkbox"/> MATH 2431 – Calculus III <input type="checkbox"/> MATH 3360 – Discrete Mathematics (MATH 1431) <input type="checkbox"/> MATH 2343 – Differential Equations I <input type="checkbox"/> MATH 3334 – Linear Algebra I <input type="checkbox"/> MATH 4338 – Abstract Algebra I		
<b>Mathematics Electives (3 credit hours)</b>		
<input type="checkbox"/> Choose an additional 3000/4000 level mathematics course		
<b>Computer Science (4 credit hours)</b>		
<input type="checkbox"/> COMSC 1450 – Computer Programming I		
<b>Professional Development (21 credit hours) Must be completed at UST.</b>		
<input type="checkbox"/> EDUC 3100 – Field Experience Seminar I <input type="checkbox"/> EDUC 3101 – Field Experience Seminar II <input type="checkbox"/> EDUC 3102 – Field Experience Seminar III <input type="checkbox"/> EDUC 3304 – Introduction to Curriculum and Instruction <input type="checkbox"/> EDUC 3313 – Digital Instructional Strategies <input type="checkbox"/> EDUC 3339 – Multicultural Populations <input type="checkbox"/> EDUC 4338 – Classroom Management <input type="checkbox"/> EDUC 4370 – Student Teaching, Secondary <input type="checkbox"/> EDUC 4371 – Student Teaching, Secondary		
<b>Multidisciplinary Studies (3 credit hours)</b>		
<input type="checkbox"/> MS 4338 – Adolescent Learning		
<b>Reading (3 credit hours)</b>		
<input type="checkbox"/> RDGED 3303 – Content Area Reading		
<b>English as a Second Language (3 credit hours)</b>		
<input type="checkbox"/> BIED 4330 – Foundations and Methods of Second Language Acquisition		
<b>Special Education (3 credit hours)</b>		
<input type="checkbox"/> SPED 4320 – Exceptionality in Today’s Schools		
Electives	Completed	Needed
<b>Electives to reach the 120 hour minimum to graduate (0-2 credit hours)</b>		
Totals	Completed	Needed
<b>Total undergraduate hours (120 minimum):</b>		

**MINIMUM TOTAL: 120+**

**\*\*Note:** Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development.\*\*