Student:	

ID: \_\_\_

## University of St. Thomas School of Education – 7-12 Mathematics 2012-2014 Catalog

Advisor:		 	
Date:			

			Total	Total
UST Core Requirements (54-56 hours)				Total Hours Needed
Theology (6 credit hours) - must take in	order			
THEO 1300/3300 - Teachings of the Catholic Ch	Transfer Students:			
THEO 2300/3310 – Intro to the Sacred Scriptures		Transferring 30-59 hours:		
Moral Theology (3 credit hours) – choose		Theology – 6-9 hours		
THEO 3349 – Christ and the Moral Life	THEO 4325 – Faith and Moral Development	Philosophy – 6-9 hours		
THEO 3351 – Prophets and Ancient Israel	THEO 4334 – Social Justice and the Church	Synthesis – 3 hours		
THEO 3352 – Paul: His Letters and Theology	THEO 4348 – Theology of the Body	Total must be 18 hours		
THEO 4323 – Teachings of Jesus  Philosophy (9 credit hours) – must take i	n ordor	Transferring 601 hours:		
Systematic Sequence	Historical Sequence	Transferring 60+ hours: Theology – 6 hours		
,		Philosophy – 6 hours		
PHIL 1311 – Phil of the Human Person PHIL 2314 – Ethics	PHIL 2316/3316 – Medieval Philosophy	as upper or lower division		
PHIL 3313 – Metaphysics	PHIL 3317– Modern Philosophy	ac apper or revier arricier.		
Synthesis Course (3 credit hours) - choo		vith academic advisor		
		– Christian Spirituality		
Rediscovering Symbol PHIL 4		- Theology of St. Thomas Aquinas		
		<ul> <li>Christian Vocations: Paths to Holiness</li> </ul>		
the Social and Natural Sciences		- Church History I		
		<ul><li>Church History II</li><li>Eastern World Religions</li></ul>		
	, ,	Western World Religions		
		- Christian Ethics and the Law		
		<ul> <li>Sacred Arts in the Church</li> </ul>		
PHIL 3350 – Contemporary Logic PHIL 4		- Social Justice and the Church		
		<ul><li>American Catholic Heritage</li><li>Fathers of the Church</li></ul>		
		Modern Challenges to Christianity		
PHIL 4335 – Analytical Philosophy	and Mission	Modern Chamoliges to Chilottanity		
English (9 credit hours) - must take in or	der Students with transfer credit:			
ENGL 1341 – The Classical Tradition: Literature 8	Composition I			
ENGL 1342 - The Middle Ages: Literature & Com	position II 3 hours – take ENGL 1341, 1342			
ENGL 2312 – The Modern World: Literature & Co	mposition III 6 hours – take ENGL 3312			
History (6 credit hours)				
HIST 1335 – World Community I	HIST 2333 – United States to 1877			
HIST 1336 – World Community II	HIST 2334 – United States since 1877			
Social & Behavioral	Oral Communication (3 credit hour	s)		
Sciences (6 credit hours)	COMM 1331 – Public Speaking			
<ul> <li>Choose from economics,</li> </ul>	OR			
geography, international	COMM 2332 – Persuasion and Argumen	ntation		
studies, political science,	<b>,</b> +			
psychology and sociology OF	Social & Bohavioral Sciences (3 or	adit hours)		
	Social & Behavioral Sciences (3 cr	edit flours)		
Natural Sciences (8 credit hours)	Modern and Classical Languages (	6 oradit hours)		
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Two 3-credit hour lectures with corresponding 1-credit hour lab	in the approved order. Choose langua	language. Courses must be completed		
Choose from biology, chemistry,	(Classical) Greek, Latin, Irish, Arabic, C			
environmental science, geology,	Chinese, Russian or other available lar			
physics & astronomy	+			
physics & astronomy	т			
	Natural Sciences (4 credit hours)			
Mathematics (3 credit hours)				
Included in Education requirements				
Fine Arts (3 credit hours) – choose one of				
ARTHS 1350 – Introduction to the Visual Arts	DRAM 3340 – Theatre History I			
ARTHS 2351 – Survey of Art I	DRAM 3341 – Theatre History II			
ARTHS 2352 – Survey of Art II Any upper-division Art History course	MUSC 1331 – Introduction to Music MUSC 2363 – Basic Musicianship I			
DRAM 1330 – Introduction to the Theatre	MUSC 2463 – Basic Musicianship I for M	lusic Maiors		
DRAM 3329 – Screenwriting	Upper-division Music course	<del></del>		
DRAM 3331 – Playwriting				
Freshman Symposium (1 credit hour) - r				
UNIV 1111 - Freshman Symposium: Educating L				

School of Education — 7-12 Mathematics Major Requirements (61 credit hours)	Total Hours Complete	Total Hours Needed
Mathematics (24 credit hours):		
MATH 1431 – Calculus I		
MATH 1432 – Calculus II		
MATH 2431 – Calculus III		
MATH 2340 – A Transition to Mathematics		
MATH 2343 – Differential Equations I		
MATH 3334 – Linear Algebra I		
MATH 4338 – Abstract Algebra I		
Mathematics Elective (3 credit hours):		
Choose an additional 3000/4000 level mathematics course for which the prerequisite is met		
Computer Science (4 credit hours):		
COMSC 1450 – Computer Programming I		
Professional Development (18 credit hours):		
(must be completed at UST)		
EDUC 3100 – Field Experience Seminar I		
EDUC 3101 – Field Experience Seminar II		
EDUC 3102 – Field Experience Seminar III		
EDUC 3304 – Introduction to Curriculum and Instruction		
EDUC 3339 – Multicultural Populations		
EDUC 4338 – Classroom Management		
EDUC 4370 – Student Teaching, Secondary		
EDUC 4371 – Student Teaching, Secondary		
Multidisciplinary Studies (3 credit hours):  MS 4338 – Adolescent Learning		
Reading (3 credit hours):		
RDGED 3303 – Content Area Reading		
English as a Second Language (3 credit hours):		
BIED 4330 – Foundations and Methods of Second Language Acquisition		
Special Education (3 credit hours):		
SPED 4320 – Exceptionality in Today's Schools		
Electives to reach the 126 credit hour minimum for graduation (9-11 credit hours)		
Total Required	126	
Duamanation for student to achieve requires 50 hours of acheal based field		

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

(hours transferred)						
hrs complete +	hrs ip +	hrs core +	hrs major +	hrs minor +	hrs other +	hrs electives = 126+