

REQUIREMENTS FOR BACHELOR OF SCIENCE
Mathematics Teaching
Middle Adolescence through Adolescence (4-12)
2020-2021 Catalog

Note: Minimum Grade of C Required in Every Course in this Program
 Planning Document only. See catalog and degree audit for official requirements.

Last Name	First Name	Middle Initial	Student ID
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Core Curriculum Program 38-52 Cr. Hours
All grades in the core curriculum must be a C or above and the overall GPA in the Core Curriculum must be a 3.0 or above.

FOUNDATIONS

Written Communication I and Information Fluency

ENGL 103 COMPOSITION (3cr) _____
 ENGL 104 COMP & LIT (3cr) _____

OR

ENGL 105 if ENGL ACT is 23 or above- (4cr) _____
 ENGL 195 if honors program- (4cr) _____

If ENGL ACT is 18 or below, ENGL 103 will be scheduled with a workshop

Oral Communication:

EDUC 255 Curriculum Instruction & Assessment (3cr) _____

Written Communication II:

One Approved Course _____ (3cr) _____

Quantitative Literacy:

Fulfilled by Math Major (3cr) _____

MISSION SEMINARS

VUSM 1XX Franciscan Values & Traditions (3cr) _____
 (VUSM 120 co-count for Theology/VUSM 150 Or 151 co-count Artistic Awareness)

VUSM 2XX (EDUC 302 co-count for VUSM 200) (3cr) _____

VUSM 3XX Serving the Common Good (3cr) _____
 (VUSM 330-co-count for Philosophy)

VUSM 4XX The Ethical Life (3cr) _____

Transfer students must choose VUSM 4XX among their required mission seminars.

WAYS OF THINKING

Historical Analysis:

One Approved Course _____ (3cr) _____

Literary Analysis:

EDUC 280 Child/Adol Literature (Suggested) (3cr) _____

Scientific Reasoning in the Natural Science

ENVS 101 Environmental Science (4cr) _____

PHYS 260 University Physics I (4cr) _____

(Must take with Lab PHYS 270)

Scientific Reasoning in Social Sciences:

PSYC 310 (3cr) _____

Artistic Engagement:

One Approved Course _____ (3cr) _____

Integrating Faith and Practice:

One Approved Course _____ (3cr) _____

Theological Inquiry:

RLST 160 Theology or Contemp Cultures (3cr) _____

(or RLST 342 for transfer students)

Philosophical & Moral Inquiry

One Approved Course _____ (3cr) _____

Math, Reading, and Writing Competencies:

Math and Reading Competency will be met by successful completion of core curriculum.

Writing Competency will be met by a submitted writing sample that is scored by writing specialists in the Academic Resource center—students who need support may be placed on a contract.

Secondary Professional Education Sequence Requirements (41 Credits)

EDUC 150	Intro to Education	(2cr)___
EDUC 215	Ed Psych	(3cr)___
EDUC 255	Curriculum, Instruction, & Assessment	(3cr)___
EDUC 300	Techniques of Secondary Methodology	(3cr)___
EDUC 302	Meeting the Needs of Diverse learners	(3cr)___
EDUC 306	Inclusive Classroom	(3cr)___
EDUC 316	Tech Enhanced Instruction	(2cr)___
EDUC 330	Secondary Disciplinary Literacy Practices	(3cr)___
EDUC 390	Positive Classroom Environment 4-12	(3cr)___
PSYC 310	Child and Adolescent Psychology	(3cr)___
EDUC 459	Student Teaching (4-12)	(9cr)___
EDUC 482	Student Teaching Seminar	(2cr)___
EDUC 483	Portfolio Development (edTPA)	(2cr)___
	TOTAL	41 credits

Math Course Requirements (38 Credits) (plus 6 credits if MATH 112/113 are needed)

MATH 112	College Algebra (if not already taken)	(3 cr)___
MATH 113	Trigonometry (if not already taken)	(3 cr)___
MATH 220	Calc I	(4cr)___
<u>MATH 221</u>	Calc II	(4cr)___
<u>MATH 230</u>	Stats	(4cr)___
MATH 260	Abstract Math	(4cr)___
MATH 320	Calc III	(4cr)___
MATH 321	Diff EQ	(3cr)___
MATH 330	Probability Theory & Stats	(3cr)___
MATH 365	Math Modeling	(4cr)___
MATH 450	Geometry	(3cr)___
MATH 499	Math Seminar	(1cr)___
PHYS 260	University Physics I	(3cr)___
PHYS 270	Physics Lab	(1cr)___
	TOTAL	38 credits (plus 6 cr if MATH 112/113)

ADDITIONAL REQUIREMENTS:

1. See catalog for GPA requirements, admissions to Teacher Education Program and admission to Student Teaching and other graduation requirements.
2. Students must earn a minimum of 120 semester credits, 40 semester credits must be upper division (courses with 300/400 number)
3. Students must earn a minimum grade of "C" in all courses.
4. Students must earn a minimum grade point average of 3.0 in major course requirements.
5. Students must pass edTPA (Teacher Performance Assessment) prior to licensure.