

**REQUIREMENTS FOR BACHELOR OF SCIENCE**  
**Science Teaching**  
**Early 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:

BIOL 251 (4cr)\_\_\_\_

Quantitative Literacy:

MATH 230 (4 cr)\_\_\_\_  
 (If MATH ACT is 18 or below, take MATH 001 or 090/091)

**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:

One Approved Course (3cr)\_\_\_\_

Scientific Reasoning in the Natural Science:

BIOL 161 (Covers DPI ENV SCI requirement) (4cr)\_\_\_\_  
 Other Requirements fulfilled by major

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 of 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/Adolescent Psychology	(3cr)_____
EDUC 459	Student Teaching (4-12)	(9cr)_____
EDUC 482	Student Teaching Seminar	(2cr)_____
EDUC 483	Portfolio Development (edTPA)	(2cr)_____
	<b>TOTAL</b>	<b>41 credits</b>

## Science Course Requirements (58 Credits)

BIOL 160	General Biology I	(4cr)_____
BIOL 161	General Biology II	(4cr)_____
PHYS 102	Physical Science	(4cr)_____
ENVS 101	Environmental Science	(4cr)_____
BIOL 250	Molecular and Cell Basis of Life	(4cr)_____
BIOL 251	Ecology & Evolution	(4cr)_____
CHEM 120	Gen Chem I	(4cr)_____
CHEM 121	Gen Chem II	(4cr)_____
PHYS 250 or 260 & 270	General or University Physics I (with lab)	(4cr)_____
PHYS 251 or 261 & 271	General or University Physics II (with lab)	(4cr)_____
CHEM 240	Organic Chem I	(4cr)_____
ESCI 103	Earth Science	(4cr)_____
Upper Division BIOL or CHEM Electives		(6cr)_____
MATH 230	Statistics	(4cr)_____
	<b>TOTAL</b>	<b>58 credits</b>

### ADDITIONAL REQUIRMENTS:

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.