

Millersville University Department of Earth Science
Post-Baccalaureate Certification in Earth & Space Science Education

(Last Name) (First)

Student Number

Advisor

Incoming GPA: 3.65
Admission type: Regular
If you have been offered Probationary Admission you must complete the TCAT requirements before taking any other program coursework.

Required Earth Science Courses (25.0 credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
ESSC 221	Physical Geology (4 s.h.)	_____	_____	_____	_____
ESSC 222	Historical Geology (4 s.h.)	_____	_____	_____	_____
ESSC 241	Meteorology (4 s.h.)	_____	_____	_____	_____
ESSC 245	Environmental Meteorology (3 s.h.)	_____	_____	_____	_____
ESSC 261	Intro to Oceanography (4 s.h.)	_____	_____	_____	_____
ESSC ____	Second Oceanography Course (3 s.h.)	_____	_____	_____	_____
ESSC ____	Earth Science Elective (300 level or higher) (3 s.h.)	_____	_____	_____	_____

Required Related (37.0 Credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
MATH 160	Pre-Calculus (4 s.h.)	_____	_____	_____	_____
MATH 161	Calculus (4 s.h.)	_____	_____	_____	_____
PHYS 131	Physics I with Algebra (4 s.h.)	_____	_____	_____	_____
PHYS 132	Physics II with Algebra (4 s.h.)	_____	_____	_____	_____
PHYS 117	General Astronomy (3 s.h.)	_____	_____	_____	_____
CHEM 111	Introductory Chemistry I (4 s.h.)	_____	_____	_____	_____
CHEM 112	Introductory Chemistry II (4 s.h.)	_____	_____	_____	_____
BIOL 100	General Biology (3 s.h.)	_____	_____	_____	_____
BIOL ____	Biology Course (200 level or higher)(3 s.h.)	_____	_____	_____	_____

NOTE: Students who were awarded a degree in a related content area may have some course requirements waived if they take and pass the appropriate Praxis test(s); those courses are noted with (P). Please work closely with your advisor if you wish to pursue this option.

Professional Education Requirements (33.0 credits)					
Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
Foundations Bloc (6 s.h.)					
A complete and valid Clearance Packet is required and must be on file prior to the semester deadlines. Review deadline dates and requirements here: https://www.millersville.edu/fieldservices/clearances.php					
We recommend Post Bacc students take 590 & 545. These courses require field placement at an urban school. Offered in the evenings or online in Fall and Spring semesters. Also offered in summer session. If enrolling in EDFN 211 and EDFN 241, please register for both courses in the same bloc.					
Take one of:					
EDFN 211	Foundation Modern Education (3 s.h.)	_____	_____	_____	_____
EDFN 590	Social Foundation of Educ (3 s.h.)	_____	_____	_____	_____
Take one of:					
EDFN 241	Psyc Foundation of Teaching (3 s.h.)	_____	_____	_____	_____
EDFN 545	Advanced Educational Psych (3 s.h.)	_____	_____	_____	_____
Formal Entry to the Educator Preparation Program:					
Students must apply for Formal Entry to the Program, meeting all APS (Advanced Professional Studies) requirements before progressing past this point: https://www.millersville.edu/cert/aps.php					
APS Bloc (15 s.h. total)					
EDFN 330/530	Instructional Tech, Design & Assessment (3 s.h.)	_____	_____	_____	_____
SEED 321/521	Issues in Secondary Education (3 s.h.)	_____	_____	_____	_____
SEED 340/540	Content Area Literacy for Divrs Clrooms (3 s.h.)	_____	_____	_____	_____
SPED 346/546	Sec. Students w/ Disabilities in Inclv Sets (3 s.h.)	_____	_____	_____	_____
SEED 435	Teaching Science Secondary Schls (3 s.h.)	_____	_____	_____	_____
Student Teaching Semester (12 s.h.):					
YOU MUST SUBMIT YOUR STUDENT TEACHING APPLICATION 1 YEAR IN ADVANCE. See information and deadline dates here: https://www.millersville.edu/studentteaching/					
EDSC 461	Student Teaching in Science (9 s.h.)	_____	_____	_____	_____
SEED 471	Student Teaching Seminar (3 s.h.)	_____	_____	_____	_____

**Additional
Comments:**

Reviewed by: _____	Chair, Department of Earth Science	Date: _____
Reviewed by: _____	Chair, Educational Foundations	Date: _____
Reviewed by: _____	Certification Officer	Date: _____

**** All requirements subject to change ****