

Millersville University Department of Physics
Post-Baccalaureate Certification in Physics Education

(Last Name) (First Name) Student Number

Advisor

Undergrad GPA:

Admission type:

Note: If you have been offered Probationary Admission you must complete the TCAT requirements before taking any other program coursework.

Required Physics Courses (35.0-38.0 credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
PHYS 231	Physics I with Calculus (5 s.h.)				
PHYS 232	Physics II with Calculus (5 s.h.)				
PHYS 233	Modern Theories Waves & Particles (4 s.h.)				
PHYS 266	Electronics (3 s.h.)				
PHYS 311	Mechanics I (3 s.h.)				
PHYS 321	Electromagnetic Fields I (3 s.h.)				
PHYS 334	Macroscopic Phenomena and Thermodynamics (4 s.h.)				
PHYS 335	Multi-Particle Quantum Systems and Statistical Physics (3 s.h.)				
PHYS 351	Intermediate Physics Laboratory I (1 s.h.)				
PHYS 352	Intermediate Physics Laboratory II (1 s.h.)				
PHYS 492	Physics Research and Seminar (2 s.h.)				
PHYS 498	Independent Study/Resch Physics (1-4 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.

Required Related (27.0 Credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
MATH 161	Calculus I (4 s.h.)				
MATH 211	Calculus II (4 s.h.)				
MATH 311	Calculus III (4 s.h.)				
MATH 365	Ordinary Differential Equations (3 s.h.)				
CHEM 111	Introductory Chemistry I (4 s.h.)				
CHEM 112	Introductory Chemistry II (4 s.h.)				
PHYS 317 or ESCI 241	Introduction to Astrmy & Astrophys (3 s.h.) Meteorology (4 s.h.)				

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.)				