

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science in Education
Major: Secondary Education – Physics (0235)

Student: _____ ID# @ _____ Term: _____

I. GENERAL EDUCATION (45 SH)

A. Skills (13 SH)

	SH	Grade	Date
ENGL 101 College Writing Skills	3	_____	_____
ENGL 102 Writ/Research	3	_____	_____
MATH 211 Analyt Geom & Calc I	4	_____	_____
SEDU 183 Tech for Teach/Learn	3	_____	_____

B. Core (22 SH)

1. Artistic Expression	(3 SH)	_____	_____
2. World Civilizations	(3 SH)	_____	_____
3. American Civilizations	(3 SH)	_____	_____
4. Human Behavior	(3 SH)	_____	_____
PSYC101 Intro to Psychology	3	_____	_____
5. Cultural Diversity & Social Pluralism	(3 SH)	_____	_____
SEDU271 Multi-cult Am. Schools	3	_____	_____
6. Ethics	(3 SH)	_____	_____
GEOG145 Environmental Issues	3	_____	_____
7. Natural Science	(4 SH)	_____	_____
CHEM240 Principles of Chem I	4	_____	_____

C. Distribution (10 SH)

1. Humanities & Fine Arts	(3 SH)	_____	_____
2. Social & Behavioral Sciences	(3 SH)	_____	_____
♦ SEDU 360 Sec.Feat & Inst.	3	_____	_____
3. Science & Math	(4 SH)	_____	_____
MATH212 Analyt Geom & Calc II	4	_____	_____

All Secondary Education Majors must complete a 3 SH Literature course, and two Math courses at the 100 level or above to comply with PDE certification requirements.

SEDU271 Fulfills Core 5 for Education Majors Only

**THIS IS NOT AN OFFICIAL TRANSCRIPT
OF RECORD**

#Note: At least 42 semester hours must consist of advanced coursework

(Revised: September 2014; Approved: November 2014)
 (Effective: Spring 2015; Printed: September 2015)

II. PROFESSIONAL EDUCATION (37 SH)

SEDU 306 Content Literacy Mid/Sec.Sch. 4 _____

♦**SEDU 350 Theory/Prac Secondary Sch.** 3 _____

●**SEDU 381 Assessment Mid/Secondary** 3 _____

●**SEDU 472 Instructional Techniques for Secondary Science** 3 _____

●**SEDU 476 Field Exp Mid/Sec Education** 3 _____

XSEDU 491 Classroom Mgmt 7-12 Class 3 _____

XSEDU 495 Student Teaching 12 _____

SPED 210 Intro to Except. /Spec. Ed. 3 _____

●**SPED 370 Adapt. & Accom. Inclu. Clsrm** 3 _____

III. SPECIALIZATION IN PHYSICS (32 SH)

A. Required Courses (26 SH)

PHYS 150 Physics Orientation 3 _____

PHYS 312 Technical Electronics II 4 _____

PHYS 320 University Physics I 4 _____

PHYS 321 University Physics II 4 _____

PHYS 322 Physical Measurements I 1 _____

PHYS 323 Physical Measurements II 1 _____

PHYS 325 Intro. to Modern Physics 3 _____

PHYS 405 Advanced Lab 2 _____

MATH 311 Analyt Geom & Calc III 4 _____

B. Physics Electives (6 SH)

(Take 2 of the following 4:)

PHYS 420 Mechanics I 3 _____

PHYS 430 Electricity & Mag. I 3 _____

PHYS 441 Thermal Physics 3 _____

PHYS 453 Quantum Physics 3 _____

IV. REQUIRED SUPPORTING COURSES (9 SH)

BIOL 100 Intro to Biology 3 _____

MATH 260 Elements of Statistics 3 _____

MATH 317 Intro. to Diff. Equations 3 _____

TOTAL# (123 SH)

Courses in **BOLD/Italics** can be taken Pre-Candidacy

♦Taken together

●Taken together

XTaken together