

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
Bachelor of Science
Major: Physics – Liberal Arts Track (0435)

Student: _____ **ID# @** _____ **Term:** _____

I. GENERAL EDUCATION (46 SH)

A. Skills (14 SH)

	SH	Grade	Date
ENGL 101 College Writing Skills	3		
ENGL 102 Writ/Research	3		
MATH 211 Anal. Geom./Calc. I	4		
CHEM 241 Principles of Chemistry II	4		

B. Core (22 SH)

1. Artistic Expression (3 SH)

2. World Civilizations (3 SH)

3. American Civilizations (3 SH)

4. Human Behavior (3 SH)

5. Cultural Diversity & Social Pluralism (3 SH)

6. Ethics (3 SH)

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)

3. Science & Math (4 SH)

MATH212 Anal. Geom./Calc. II 4 _____

II. REQUIRED PHYSICS COURSES (22 SH)

	SH	Grade	Date
PHYS150 Physics Orientation	3		
PHYS312 Technical Electronics II	4		
PHYS305 Classical Physics Laboratory I	2		
OR			
PHYS404 Physics Lab for Teachers	2		
OR			
PHYS405 Modern Physics Laboratory I	2		
PHYS320 University Physics I	4		
PHYS321 University Physics II	4		
PHYS322 Physical Measurements Lab. I	1		
PHYS323 Physical Measurements Lab. II	1		
PHYS325 Intro. to Modern Physics	3		

III. PHYSICS ELECTIVE (9 SH)**

PHYS410 Optics	3		
PHYS420 Mechanics I	3		
PHYS430 Electricity & Magnetism I	3		
PHYS441 Thermal Physics	3		
PHYS449 Mathematical Methods in Physics	3		
PHYS453 Quantum Physics	3		
PHYS490-493 Independent Study	3		
PHYS496-497 Internship in Physics	3		

**other approved courses may be offered via ITV.

IV. REQUIRED SUPPORTING COURSES (7 SH)

MATH211 Anal. Geom./Calc. I	*		
MATH212 Anal. Geom./Calc. II	*		
MATH311 Anal. Geom./Calc. III	4		
MATH317 Intro. to Differential Equations	3		
CHEM240 Principles of Chemistry I	*		
CHEM241 Principles of Chemistry II	*		

* Credits for these courses are included on the left side of the page and thus not included here.

V. SCIENCE and MATH ELECTIVES (6 SH)

PHYS 301 or higher if taken in Physics
 MATH 260 or higher if taken in Math

VI. FREE ELECTIVES (30 SH)

TOTAL# (120 SH)

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

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