

**PHYSICS: SECONDARY EDUCATION  
2016-2017 Election of Major**

Name \_\_\_\_\_ ID # \_\_\_\_\_

Planned Degree Completion Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

Check Degree Plan: \_\_\_\_\_BA \_\_\_\_\_BS

**PHYSICS REQUIREMENTS**

PHYS 210 General Physics I C-4NP (4) \_\_\_\_\_  
(prereq MATH 121, enrollment may be concurrent)

PHYS 220 General Physics II (4) \_\_\_\_\_

PHYS 301 Electricity and Magnetism (3) \_\_\_\_\_

PHYS 310 Modern Physics (3) \_\_\_\_\_

Take two of the following four laboratory courses

PHYS 301L Electricity and Magnetism Lab (1) \_\_\_\_\_

PHYS 310L Modern Physics Lab (1) \_\_\_\_\_

PHYS 320L Mechanics Lab (1) \_\_\_\_\_

PHYS 345L Advanced Physics Lab (2) \_\_\_\_\_

Take 18 semester hours of other Physics courses:

PHYS 231 Fundamentals of Electronics (3) \_\_\_\_\_

PHYS 315 Introduction to Astrophysics (3) \_\_\_\_\_

PHYS 320 Analytical Mechanics (W) (3) \_\_\_\_\_

PHYS 340 Thermal Physics (3) \_\_\_\_\_

PHYS 410 Quantum Physics (3) \_\_\_\_\_

PHYS 425 Field and Wave Phenomena (3) \_\_\_\_\_

PHYS 432 Materials Physics (3) \_\_\_\_\_

PHYS 380/480 Special Problems (1-4) \_\_\_\_\_

PHYS 499 Research (1-4) \_\_\_\_\_

Math 122 Calculus II (4) \_\_\_\_\_

**PROFESSIONAL EDUCATION**

EDUC 111 Exploring Teaching and Learning (3) \_\_\_\_\_

EDUC 211 The Exceptional Learner (4) \_\_\_\_\_

EDUC 237 Educational Psychology C-4HD (4) \_\_\_\_\_

EDUC 245 Educational Assessment (4) \_\_\_\_\_

EDUC 342 Literacy in the Content Area (4) \_\_\_\_\_

EDUC 357 Classroom Management/Conflict Resolution (4) \_\_\_\_\_

EDUC 362 Literacy and English Language Learners (2) \_\_\_\_\_

EDUC 444 Methods for Secondary Education (4) \_\_\_\_\_

EDUC 410 The Teacher in Today's School (2) \_\_\_\_\_

EDUC 475 High School Student Teaching (7) \_\_\_\_\_

EDUC 477 Jr High/Middle School Student Teaching (6) \_\_\_\_\_

**CORE Program**

**1 Foundational Skills (WOQ)**

1FS: First Year Seminar ( ) \_\_\_\_\_

1O: COMM 110 Found of Human Communication ( ) \_\_\_\_\_

1Q: MATH 121 Calculus I ( ) \_\_\_\_\_

**2 Physical Activity and Wellness**

2PA: PE 101 \_\_\_\_\_ (.5) \_\_\_\_\_

PE 101 \_\_\_\_\_ (.5) \_\_\_\_\_

PE 105 \_\_\_\_\_ (.5) \_\_\_\_\_

PE 105 \_\_\_\_\_ (.5) \_\_\_\_\_

**3 Integration Into the World (3 courses)**

3RC: Responsible Citizenship \_\_\_\_\_ ( ) \_\_\_\_\_

3GC: Global Connections: \_\_\_\_\_ ( ) \_\_\_\_\_

3RC or 3GC: \_\_\_\_\_ ( ) \_\_\_\_\_

**4 Ways of Knowing (9 courses)**

Philosophical, Religious and Creative Inquiry (1 course in each category)

4RL: Religion \_\_\_\_\_ ( ) \_\_\_\_\_

4PH: Philosophy \_\_\_\_\_ ( ) \_\_\_\_\_

4AR: Visual and Performing Arts \_\_\_\_\_ ( ) \_\_\_\_\_

4LT: Literature \_\_\_\_\_ ( ) \_\_\_\_\_

Human Behavior and Institutions (3 courses, each in a different discipline)

4HD: EDUC 237 X

4H \_\_: \_\_\_\_\_ ( ) \_\_\_\_\_

4H \_\_: \_\_\_\_\_ ( ) \_\_\_\_\_

Natural World (2 courses, each in a different discipline)

4NP: PHYS 210 X

4N \_\_: \_\_\_\_\_ ( ) \_\_\_\_\_

**5 Synthesis & Critical Connections (1 course & VIA)**

5CC: Critical Connections: INTD \_\_\_\_\_ ( ) \_\_\_\_\_

VIA (see requirements in *Catalog*) up to (2) credits \_\_\_\_\_

**Electives:**

\_\_\_\_\_ ( ) \_\_\_\_\_

\_\_\_\_\_ ( ) \_\_\_\_\_

**(A minimum of 120 credit hours required for graduation.) TOTAL \_\_\_\_\_**

**Bachelor of Arts requirements: Intermediate language proficiency at 200 level**

\_\_\_\_Yes \_\_\_\_No

**Required Signatures:**

**Student: I understand that I have final responsibility for monitoring my graduation requirements.**

Student: \_\_\_\_\_ Date \_\_\_\_\_

Advisor: \_\_\_\_\_ Date \_\_\_\_\_

Dept. Chair: \_\_\_\_\_ Date \_\_\_\_\_

Director of Teacher Educ: \_\_\_\_\_ Date \_\_\_\_\_