

College of Health & Sciences

2016-2017 Physics - Teacher Certification Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
UNIV 1001 * Freshman Seminar	ENG 1213 * Freshman Composition II
ENG 1113 * Freshman Composition I	PSYCH 1113 * General Psychology
GEOG 1214 Earth Science	COMM 1113 * Fundamentals of Human Communication
MATH 1513 * College Algebra	CHEM 1114 * General Chemistry I
---3 * Humanities-Western Civilization**	MATH 1713 Trigonometry
HIST 24-3 * United States History Survey**	

17 TOTAL HOURS

16 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
---3 * Humanities & Social Sciences**	PHYS 2225 Engineering Physics II
PHYS 2115 Engineering Physics I	MATH 3025 Calculus & Analytic Geometry II
MATH 2825 Calculus & Analytical Geometry I	---3 * Humanities-Cultural/ Human Diversity**
CHEM 1214 Chemistry II	KIN 2122 * Wellness or Nutrition FCS 1513
	EDUC 2402 Survey of Exceptional Children

17 TOTAL HOURS

17 or 18 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
PSYCH 3463 Child & Adolescent Psychology	EDUC 3001 Field Experience II
EDUC 2012 Foundations of Education	EDPSY 3513 Educational Psychology
EDUC 2211 Field Experience I	EDUC 4632 Educational Technology
PHYS 3411 Junior Physics Laboratory	PHYS 3113 Mechanics I
PHYS 3013 Modern Physics	---3 * Communication (Language)**
PHYS 1314 Astronomy	PS 1113 * United States Government
---3 Chemistry Elective (3 hours)	---3 { Required Physics Elective
	{ NOT PHYS 3222 or 4222)

17 TOTAL HOURS

18 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
EDUC 4043 Strategies for Effective Teaching	EDUC 4262 Student Teaching Seminar
EDUC 4611 Field Experience III	EDUC 4975 Supervised Student Teaching
PHYS 4113 Electricity & Magnetism- Field Theory	EDUC 4975 Supervised Student Teaching
B/C/P 4113 Methods Teach Biological/Physical Sciences	
---4 Chemistry Elective (4 hours)	
BIOL 1-14 * General Botany or General Zoology	

18 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 126-132

*Denotes General Education Requirement

**See current catalog "General Education Requirements" for selection