

PHYSICS (BA) AND SECONDARY EDUCATION

Suggested Sequence of Courses for a Bachelor of Arts Degree in Physics and Secondary Education

Course	Title	Hours
Freshman Year		
First Semester		
ENGL-1010	English Composition	3
THEO-1100	Introduction to Theology	3
EXSC-1115	Wellness for Life	1
EDUC-2200	Introduction to Education	2
EDUC-2201	Intro Educational Research & Field Exper	1
Foreign Language		4
PHYS-2100	Classical Physics I	3
PHYS-2101	Introductory Physics Laboratory I	1
Hours		18
Second Semester		
EDUC-2222	Intro to K-12 Special Education	3
PHYS-2110	Classical Physics II	3
PHYS-2111	Introductory Physics Lab II	1
Foreign Language		4
EXSC Fitness Course (Health)		1
PSYC-1000	General Psychology	3
Aesthetic Foundation		
Hours		15
Sophomore Year		
First Semester		
EDUC-2220	Science of Learning & Teaching	3
CHEM-1200	General Chemistry I Lecture	3
CHEM-1201	General Chemistry I Lab	1
PHIL-2100	Principles of Nature	3
Natural World Foundation		3-4
Select one of the following:		3
HIST-1100	World Civilization to 1500	
HIST-1101	World Civilization Since 1500	
Hours		16-17
Second Semester		
EDUC-3332	Literacy in the Secondary Classroom	2
EDUC-3333	Literacy in Secondary Classroom Field Exp	1
CHEM-1210	General Chemistry II Lecture	3
CHEM-1211	General Chemistry II Lab	1
Philosophical Inquiry Foundation		3
Historical Inquiry Foundation		3
Aesthetic Foundation		3
Hours		16
Junior Year		
First Semester		
PHYS-3200	Relativity & Atomic Physics	3

PHYS-3201	Modern Physics Lab	1
NASC-1400	Earth Science	3
Natural World Foundation		4
Mathematical Reasoning Foundation		3-4
EDUC-3312	School As Community	3
EDUC-3313	School As Community Rsch & Field Exper	1
Hours		18-19
Second Semester		
PHYS-3210	Nuclear & Elementary Particle Physics	2
PHYS-3211	Modern Physics Lab II	1
PHYS-3500	Electronics	4
Faith Foundation		3
EDUC-4451	Philosophy of Education	3
PHYS-4457	Methods of Teaching Secondary Physics	2
NASC-1000	Environmental Science	3
Hours		18
Senior Year		
First Semester		
ASTR-1300	Sun & Solar System	4
EDUC-4455	Meeting the Needs of All Learners	2
EDUC-4462	Classroom Management	2
EDUC-3357	General Secondary Methods & Media	3
EDUC-3358	General Secondary Method & Practicum/General Secondary Meth & Media Practicum	1
PHYS-4200	Mathematical Methods for Physics	3
Hours		15
Second Semester		
EDUC-4470	Student Teaching Seminar	2
EDUC-4496	Supervised Student Teach Secondary School	10
EDUC-COMP	Senior Comprehensive Exam	0
PHYS-COMP	Senior Comprehensive Exam	0
EDUC-DPROF	Diversity Proficiency	NULL
Hours		12
Total Hours		128-130