

B.A. Physics, Teacher Certification Leading to Licensure 7-12

2014-2015 Sample Course Schedule — *This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.*

SUMMER

History (I-3-a)	3
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FALL

WINTER

FIRST YEAR

PHYS 155	Descriptive Astronomy	3	EDUC 138	Intro/Found of Secondary Ed.	3
CHEM 111	Survey of Chemistry I (I-4-b)	3	CHEM 112	Survey of Chemistry II (I-4-b)	3
ENGL 101	College Composition I (I-1-a)	3	RELT 138	Adventist Heritage	3
HLED 173	Health for Life (P-2)	2	MATH 192	Calculus II	4
MATH 191	Calculus I	4	ENGL 102	College Composition II (1-1-b)	3
NOND 101	Southern Connections (S-1)	<u>1</u>	PEAC 125	Fitness for Collegiate Life	<u>1</u>
		16			17

SUMMER

PSYC 128	Developmental Psychology (S-2)*	3
RELB 125	Life & Teachings of Jesus	<u>3</u>
		6

SECOND YEAR

PHYS 221	University Physics I	4	PHYS 222	University Physics II	4
PHYS 223	University Physics I Lab	1	PHYS 224	University Physics II Lab	1
MATH 218	Calculus III	4	MATH 315	Differential Equations	3
COMM 135	Intro to Public Speaking (I-1-c)	3	RELT 317	Issues in Science & Religion (R-3)	3
BIOL 103	Principles of Biology (I-4-a)	3	EDUC 319	Technology in Education (I-2-b, c)	3
	Physical Activity (P-1-b)	<u>1</u>		Econ & Bus. Basics (I-5)	<u>3</u>
		16			17

THIRD YEAR

PHYS 310	Modern Physics fall	3	PHYS 412	Quantum Mechanics	3
EDUC 341	General Methods & Assessment	3	EDUC 338	Foundations of Inclusive Education	3
EDUC 342	Curriculum Content Methods	2		Civ & Global Perspectives (I-3-a,b,c)	3
EDUC 343	Learning Theories & Classroom Mgt	3		Physics Elective	3
EDUC 434	Reading & Wrtg in the Content Area	2		U.D. Literature Elective (S-3) (W)	3
ERSC 105	Earth Science (I-4)	<u>3</u>		Physical Activity (P-1-b)	<u>1</u>
		16			16

FOURTH YEAR

PHYS 480	Scientific Wrtg & Presentation (W)	1	EDUC 472	Enhanced Student Teaching 7-12	10
PHYS 400	Physics Portfolio	1	EDUC 464	Teaching Seminar	2
EDUC 419	Phil. & Ldrship in Christian Ed (W)	3	PEAC 425	Fit for Hire	<u>1</u>
RELT 255	Christian Beliefs	3			13
	U.D. Physics Electives	6			
	Aesthetic & Skills Dev. (S-3-b,c,d)	<u>3</u>			
		17			

TOTAL HOURS

124

*EDUC 220 Growth Years may be substituted.

Note: Students must consult the catalog they are under and their degree audits to ensure that they have complete degree requirements. To increase their marketability, it is recommended that students take a minor in an additional teaching area.

Need 6 hours of elementary foreign language if student does not have 2 years of same foreign language in high school.