

# B.A. Mathematics (Physics Minor)

**2016-2017 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.*

FALL			WINTER		
<b>FIRST YEAR</b>					
NOND 101	Southern Connections	1	ENGL 102	Critical Think in Ac Rdg & Wrtg II	3
ENGL 101	Critical Think in Ac Rdg & Wrtg I	3	MATH 192	Calculus II	4
RELB 125	Life and Teachings of Jesus (R-1)	3	COMM 135	Comm. & Public Speaking	3
MATH 191	Calculus I	4	PHYS 222	University Physics II*	4
PHYS 221	University Physics I*	4	PHYS 224	University Physics II Lab*	1
PHYS 223	University Physics I Lab*	<u>1</u>	PEAC 125	Fitness for Collegiate Life	<u>1</u>
		<b>16</b>			<b>16</b>
<b>SECOND YEAR</b>					
PHYS 155	Descriptive Astronomy (minor)	3	MATH 201	Intermediate Linear Algebra	3
ELIT 214	Survey of American Lit. (IN-10)	3	MATH 219	Set Theory and Logic	3
RELT 138	Adventist Heritage (R-2)	3	MATH 315	Differential Equations	3
MATH 218	Calculus III	4	CPTC 100	Computer Concepts (IN-5)	1
	Physical Activity (P-1b)	1	MATH 215	Statistics	3
	Electives	<u>2</u>		Elective	<u>3</u>
		<b>16</b>			<b>16</b>
<b>THIRD YEAR</b>					
MATH 318	Abstract Algebra	3	BUAD 128	Personal Finance (IN-9)	3
MATH 325	Probability Theory (MJ Elective)	3	PHYS 313	Physical Optics	3
PHYS 310	Modern Physics (Minor)	3		PSYC 128 or SOCI 125	3
	Biblical Studies (R-3)	3		Historical Perspectives (IN-6)	3
	Electives	<u>3</u>		Physical Activity (P-1b)	1
		<b>15</b>		U.D. Elective (W)	<u>3</u>
					<b>16</b>
<b>FOURTH YEAR</b>					
MATH 312	History of Mathematics (W)	3	PEAC 425	Fit for Hire	1
MATH 411	Intermediate Analysis I	3		Electives	6
RELT 458	World Religions (W) (R-4)	3		U.D. Electives	<u>6</u>
	Elective	1			<b>13</b>
	U.D. Electives	<u>6</u>			
		<b>16</b>			
<b>TOTAL HOURS</b>					<b>124</b>

\*Select from Option 1, 2 or 3: **Option 1:** CPTR 124. **Option 2:** PHYS 211, 213. **Option 3:** PHYS 221, 223.

NOTE: If you have less than two secondary school credits of same foreign language must complete the elementary level of a foreign language.