

B.A. Mathematics, Teaching Licensure 6-12

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		
FIRST YEAR					
MATH 191	Calculus I *	4	MATH 192	Calculus II	4
COMM 135	Comm. & Public Speaking	3	PSYC 128	Developmental Psychology (IN-8)	3
ENGL 101	Critical Think in Ac Rdg & Wrtg I	3	ENGL 102	Critical Think in Ac Rdg & Wrtg II	3
NOND 101	Southern Connections	1	RELT 138	Adventist Heritage (R-2)	3
PEAC 125	Fitness for Collegiate Life	1		Stewardship, Business, & Econ (IN-9)	<u>3</u>
EDUC 138	Intro/Found of Secondary Ed.	3			16
CPTE 100	Computer Concepts (IN-5)	<u>1</u>			
		16			
SECOND YEAR					
MATH 218	Calculus III *	4	MATH 201	Intermediate Linear Algebra	3
RELT 255	Christian Beliefs	3	MATH 219	Set Theory and Logic	3
PHYS 211	General Physics I (IN-7) ^	3	MATH 315	Differential Equations	3
PHYS 213	General Physics I Lab (IN-7) ^	1	EDUC 338	Foundations of Inclusive Education	3
HLED 173	Health for Life	2	RELB 125	Life & Teachings of Jesus (R-1)	3
	Historical Perspectives (IN-6)	<u>3</u>		Physical Activity (P-1b)	<u>1</u>
		16			16
THIRD YEAR					
EDUC 319	Technology in Education	3	EDUC 341	General Methods & Assessments	3
EDUC 419	Philosophy of Christian Ed (W)	3	EDUC 342	Curriculum Content Methods	2
MATH 215	Statistics	3	EDUC 343	Learning Theories & Classroom Mgmt	3
MATH 318	Abstract Algebra (<i>Fall even</i>)	3	EDUC 434	Reading & Wrtg in Content Area	2
	Physical Activity (P-1b)	1		Biblical Studies (R-3) ^^	3
	U.D. Elective (W)	<u>3</u>		Aesthetic Analysis (IN-10)	<u>3</u>
		16			16
FOURTH YEAR					
MATH 312	History of Mathematics (W) (<i>Fall odd</i>)	3	EDUC 472	Enhanced Student Teaching Sec.	10
MATH 411	Intermediate Analysis (<i>Fall odd</i>)	3	EDUC 464	Teaching Seminar	<u>2</u>
MATH 415	Geometry (<i>Fall odd</i>)	3			12
PEAC 425	Fit for Hire	1			
	Elective	<u>6</u>			
		16			
TOTAL HOURS					124

* Students with Math ACT score below 22 must take MATH 108, 109, 120, 121 or 215

^ Can select CPTR 124, PHYS 211, 213, or PHYS 221, 223

^^Except RELB 125, 255, 340, 455, or 497

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.

B.S. Mathematics

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FALL			WINTER		
FIRST YEAR					
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>
		16			16
 SECOND YEAR					
CPTC 100	Computer Concepts (IN-5)	1	MATH 201	Intermediate Linear Algebra	3
BUAD 128	Personal Finance (IN-9)	3	MATH 219	Set Theory and Logic	3
ELIT 214	Survey of American Lit. (IN-10)	3	MATH 315	Differential Equations	3
RELT 138	Adventist Heritage (R-2)	3		Physical Activity (P-1b)	1
MATH 218	Calculus III	4		Electives	<u>6</u>
	Elective	<u>1</u>			16
		15			
 THIRD YEAR					
MATH 318	Abstract Algebra	3	MATH 215	Statistics (IN-4)	3
MATH 325	Probability Theory (major elective)	3	MATH 485	Mathematics Seminar (W)	1
RELT 458	World Religions (R-4) (W)	3		PSYC 128 or SOCI 125	3
	Historical Perspectives (IN-6)	3		Elective	3
	Physical Activity (P-1b)	1		U.D. Electives	<u>6</u>
	Electives	<u>3</u>			16
		16			
 FOURTH YEAR					
MATH 411	Intermediate Analysis I	3	MATH 317	Complex Variables	3
	Biblical Studies (R-3)	3	MATH 412	Intermediate Analysis II	3
	U.D. Math Electives	3	PEAC 425	Fit for Hire	1
	U.D. Electives (W)	3		Electives	5
	U.D. Electives	<u>3</u>		U.D. Electives	<u>2</u>
		15			14
TOTAL HOURS					124

*Select from Option 1, 2 or 3: **Option 1:** CPTR 124 & 215. **Option 2:** PHYS 211, 212, 213, & 214. **Option 3:** PHYS 221, 222, 223, 224.