

2023-2024 Mathematics Teaching Licensure, 6-12

NOTE: It is **YOUR** responsibility as a student to consult the appropriate catalog and your academic adviser

Prefix	Hrs	Class Name	Year	Notes
41		General Education	^ General education of 39 credits + 2 cr HLED 173, +0-6 cr foreign language	
BUAD 128	3	Personal Finance [IN-9]	Fr/So	ECON 213 may substitute
COMM 135	3	Comm. & Public Speaking [IN-3]	Fr/So	Need 40 total upper division (UD) credit hours, 18 that are within major 3 Writing (W) classes must be taken: 1 from within major, 1 from outside major, and 1 from any area
CPT 100	1	Computer Concepts [IN-5]	Fr/So	
ENGL 101	3	Critical Think in Ac Rdg & Wrtg I [IN-2]	Fr/So	
ENGL 102	3	Critical Think in Ac Rdg & Wrtg II [IN-2]	Fr/So	
HLED 173	2	Health for life [SDA Certification]	Fr/So	Min C- required
HIST	3	Historical Perspectives [IN-6]		
✓ MATH 215	0	Statistics [IN-4]		Met in major
NOND 101	1	Southern Connections [IN-1]	Fr	Take first semester
PEAC 125	1	Fitness for Collegiate Life [P-1-a]	Fr	Required for all students. Must take even if transfer student.
PEAC/RECR/ADAC	2	Physical Activity courses [P-1-b]		Choose from ADAC, PEAC or RECR
PEAC 425	1	Fit for Hire [P-1-c]	Sr	
✓ PSYC 128	0	Developmental Psychology [IN-8] [SDA]		Met in Professional Ed
RELB 125	3	Life and Teachings of Jesus [R-1] [SDA]	Fr/So	Min C- required in all REL
RELT	6	SDA Identity [R-2] [SDA]	Fr/So	RELT 138 and RELT 255
RELB/RELT/RELP	3	Biblical Studies [R-3] or [R-4] [SDA]		Select RELB/L/P/T (must be RELB if RELT 177 was subbed for RELB 125)
	3	Asthetic Analysis [IN-10]		
	3	Natural Science [IN-7]		See catalog for options in BIOL, CHEM, ERSC, PHYS
^ LANGUAGE	0-6	Elementary Foreign Language	Fr/So	Two years of high school foreign language will meet requirement
Three Level 1 activities and two Level 2 [SERV-2] experiences must be completed to fulfill the Christian Service Program General Education requirements				
36		Professional Education	Min GPA of 2.75 Required in major, professional ed, and cumulative areas	
EDUC 138	3	Intro to and Fnd of Secondary Ed	Fr	
EDUC 201	0	Teacher Education Candidacy	So	Prereq: EDUC 129 or 138, ENGL 101 and 102 with min. grade of C
EDUC 253	1	Responsive Teaching	Jr	
EDUC 317	2	Teaching with Technology	Jr	Prereq: EDUC 129 or 138
EDUC 342	2	Curriculum & Content Mthds - Secondary	Sr	Prereq: EDUC 201
EDUC 345	2	Learning Theory & Classroom Mngt		Only offered Fall. Prereq: EDUC 201.
EDUC 346	2	Field Experience in Secondary Ed	Jr	Only offered Fall. Prereq: EDUC 201.
EDUC 347	2	Assessment and Differentiation	Jr	Prereq: EDUC 201
EDUC 348	2	Secondary Instructional Methods	Sr	Only offered Fall. Prereq: EDUC 201. Coreq: EDUC 346
EDUC 419	3	Phil & Ldrshp in Christian Ed (W) (SERV-2)	Jr	Prereq: EDUC 201
EDUC 434	2	Reading & Writing in Content Areas	Jr	Only offered Winter. Prereq: EDUC 201
EDUC 464	2	Teaching Seminar	Sr	Must be admitted to Student Teaching
EDUC 472	10	Enh Student Teaching - Secondary (SERV-2 Sr		Coreq: EDUC 464
PSYC 128	3	Developmental Psychology [IN-8]	Fr	
41		Mathematics, Teaching Licensure 6-12		
MATH 191	4	Calculus I		Minimum ACT math subscore of 24 or Complete MATH 120 or MATH 121
MATH 192	4	Calculus II		Prereq: MATH 191
MATH 201	3	Intermediate Linear Algebra		Only offered Winter. Prereq MATH 191- Calculus
MATH 215	3	Statistics (IN-4)		
MATH 218	4	Calculus III		Prereq MATH 192
MATH 219	3	Set Theory and Logic		Only offered Winter. Prereq MATH 192
MATH 312	3	History of Mathematics (W)		Only offered Fall EVEN years. Prereq Math 192 or 219
MATH 315	3	Differential Equations		Only offered Winter. Prereq MATH 192
MATH 318	3	Abstract Algebra		Only offered Fall EVEN years. Prereq MATH 218 and 219
MATH 410	3	Real Analysis		Only offered Fall ODD years. Prereq MATH 218 and 219
MATH 415	3	Geometry		Only offered Fall ODD years. Prereq MATH 219
MATH 490	1	Senior Capstone		Only offered Fall
CPTR 124		Fundamentals of Programming or		Cognate, only offered Winter. Prereq MATH 117 or Math ACT > 22
PHYS 211/213	4 or 5	General Physics I with lab [IN-7] or		Cognate. Prereq MATH 191 or Math ACT > 24
PHYS 221/223		Physics for Scientists & Engrnr I [IN-7] w lab		Cognate. Only offered FALL. Prereq MATH 191
Electives		Needed to achieve the 124 credit requirement to graduate; cognate option		<i>Revised September 2023</i>

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Freshman Year Fall			Freshman Year Winter		
MATH 191	4	Calculus I	MATH 192	4	Calculus II
COMM 135	3	Comm. & Public Speaking [IN-3]	PSYC 128	3	Developmental Psychology [IN-8]
ENGL 101	3	Critical Think in Ac Rdg & Wrtg I [IN-2]	ENGL 102	3	Critical Think in Ac Rdg & Wrtg II [IN-2]
NOND 101	1	Southern Connections [IN-1]	RELT 138	3	Adventist Heritage [R-2]
PEAC 125	1	Fitness for Collegiate Life		3	Stewardship, Business, & Econ (IN-9)
EDUC 138	3	Introduction to and Foundations of Secondary Ed			
CPTC 100	1	Computer Concepts [IN-5]			
16			16		
Sophomore Year Fall			Sophomore Year Winter		
HLED 173	2	Health for Life	EDUC 201	0	Teacher Education Candidacy
MATH 218	4	Calculus III	EDUC 347	2	Assessment and Differentiation
PHYS 211	3	General Physics I (IN-7)	EDUC 253	1	Responsive Teaching
PHYS 213	1	General Physics Laboratory I (IN-7)	MATH 201	3	Intermediate Linear Algebra
RELT 225	3	Last-Day Events (R-2)	MATH 219	3	Set Theory and Logic
	3	Historical Perspectives (IN-6)	MATH 315	3	Differential Equations
			RELB 125	3	Life and Teachings of Jesus (R-1)
				1	Physical Activity (P 1-b)
16			16		
Junior Year Fall			Junior Year Winter		
EDUC 317	2	Teaching with Technology	EDUC 342	2	Curriculum and Content Methods - Secondary
EDUC 419	3	Philosophy & Leadership in Christian Ed (SERV-2) (W)		3	Aesthetic Analysis (IN-10)
MATH 215	3	Statistics (IN-4)		3	Biblical Studies, Upper-Division (R-3)
MATH 410	3	Real Analysis		3	Religion Elective, Upper-Division (R-4) (W)
MATH 415	3	Geometry		5	General Elective Courses
	1	Physical Activity (P 1-b)			
	1	General Elective Course			
16			16		
Senior Year Fall			Senior Year Winter		
EDUC 345	2	Learning Theory & Classroom Management			
EDUC 348	2	Secondary Instructional Methods	EDUC 464	2	Teaching Seminar
EDUC 434	2	Reading and Writing in the Content Areas	EDUC 472	10	Enhanced Student Teaching - Secondary (SERV-2)
MATH 312	3	History of Mathematics (W)			
MATH 318	3	Abstract Algebra			
MATH 490	1	Senior Capstone			
PEAC 425	1	Fit for Hire (P-1c)			
EDUC 346	2	Field Experience in Secondary Education			
16			12		
			124		

Hints (Important!)

§ A class is worth a number of *semester hours* : a 1 semester hour class will be less time & work than a 3 semester hour class

§ A

fill

§ 124 credit hours are required to graduate (you may have to take elective classes in order to accumulate 124 credit hours)

§ Course numbers indicate difficulty level and correspond to years: 100 level=Freshman, 200 level=Sophomore etc.

§ 100 & 200 level classes are Lower Division (LD); 300 & 400 level classes are Upper Division (UD)

§ Before registering for UD classes you must complete 40 LD hours, ENGL 101 & 102, Math 215

§ Concentrate on fulfilling general education requirements during your first two years

§ Remember your Christian Service Program activities

Total Hours