

Major Academic Plan (MAP)—B.S. Mathematics

Academic Credit Hours

Freshman										
Fall	LDRS 101 (1)	MATH 131 (4)	MATH 121 (3)			MOD** LANG (3)	ENGL 101 (Must Pass with a "C" or Higher)(3)	RPED 250 (2)****	ROTC + (Basic)	14
Spring										14
	LDRS 111 (0)	MATH 132 (4)	CSCI 201 (4)			MOD** LANG (3)	ENGL 102 (3)	RPED 251 (2)****	ROTC + (Basic)	28
Sophomore										
Fall	LDRS 201 Class (1)	MATH 231 (4)	MATH 206 (3)	BIOL/CHEM/ PHYS* (3)	↔ BIOL/CHEM PHYS Lab* (1)	MOD** LANG (3)	ENGL 201 (3)	RPED	ROTC + (Basic)	18
Spring	LDRS 211 (0) Fall or Spring	MATH 234 (4)	MATH 240 (3)	BIOL/CHEM/ PHYS* (3)	↔ BIOL/CHEM PHYS Lab* (1)	MOD** LANG (3)	ENGL Engl./Amer./ World Lit.(3)	RPED	ROTC + (Basic)	17 35
Junior										
Fall	LDRS 311 (0)	MATH 303 (3)	MATH Elective (3)	BIOL/CHEM/ PHYS* (3)	← BIOL/CHEM PHYS Lab* (1)	HIST• West/World (3)	Social++ Science Core Course (3)		ROTC + (Advanced)	16
Spring		MATH 403 (3)	STAT 361 (3)	BIOL/CHEM/ PHYS* (3)	← BIOL/CHEM PHYS*Lab (1)	HIST• West/World (3)	MATH*** Elective (3)		ROTC + (Advanced)	16 32
Senior										
Fall	LDRS 411 (0)	MATH 495 Sen. Seminar (3)	MATH*** Elective (3)	Elective (3)	Elective (3)	Elective (3)			ROTC + (Advanced)	15
Spring		MATH 470 (3)	MATH*** Elective (3)	Elective (3)	Elective (3)	Elective (3)			ROTC + (Advanced)	15 30

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TOTAL 125

*Science must be CHEM 151 (161)/CHEM 152 (162) or BIOL 101 (111)/BIOL 102 (112) or PHYS 221 (271), PHYS 222 (272).

**Students take the same foreign language through 202.

***Any mathematics course numbered at the 300 or 400 level

A major in mathematics includes 24 semester hours of general electives.

The required courses are 4 semester hours of computer science (CSCI 201) and the following 37 semester hours of core mathematics: MATH 131, 132, 206, 231, 234, 240, 303, 303, 403, 470, 495 and STAT 361.

*Students must take a two-course sequence of the same history: Western or World

Required hours for graduation are 125 plus the credit hours from successful completion of RPED 250, 251 and all required ROTC courses.

+ROTC hours (credit, lecture, and/or lab) may vary each semester by military department; however, the total hours which may be applied toward graduation requirements may not exceed 16 semester hours.

++Social Science Core Course Choices (Choose 1): ANTH 202 or PSCI 102 or PSYC 201 or SOCI 201

****Credit hours for RPED 250/251 do not count for the 128 required hours for graduation.