

Department of Mathematics and Statistics
Bachelor of Science in Mathematics
Major Code: MATH

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
MATH 131 (MLAR)	4	MATH 132 (MLAR)	4
MATH 105	1	Foreign Language ¹ /Elective	3
ENGL 100 (WC)	3	ENGL 101 (WC)	3
Foreign Language ¹ /Elective	3	MATH 140 ³	3
Global Awareness ² (GA)	3	MATH 106	1
FRST 101 (SS)	1	African Amer. Culture and History ⁴ (AA)	3
Semester Total	15	Semester Total	17
Sophomore Year: First Semester		Sophomore Year: Second Semester	
MATH 231	4	MATH 211	4
SPCH 250 (HFA)	3	PHYS 242 (SR)	3
MATH 240	3	PHYS 252 (SR)	1
PHYS 241 (SR)	3	Social and Behavioral Sciences ⁵ (SBS)	3
PHYS 251 (SR)	1	MATH 224	3
MATH 215	1	Semester Total	14
Semester Total	15		
Junior Year: First Semester		Junior Year: Second Semester	
MATH 341	3	MATH 351	3
MATH 320	3	MATH 340 or MATH 365	3
MATH 377	3	MATH 378	3
Ethical Reasoning Elective ⁶	3	Science Elective ⁷	4
HPED	2	Elective	3
Semester Total	14	Semester Total	16
Senior Year: First Semester		Senior Year: Second Semester	
MATH 411	3	MATH 412	3
Math Elective ⁸	3	Math Elective ⁸	3
Science Elective ⁷	4	MATH 496	3
Electives	4	Electives	6
Semester Total	14	Semester Total	15

Total Credit Hours: 120

¹Two courses: FREN 101, FREN 102; or GERM 101, GERM 102; or SPAN 101, SPAN 102; or RUSS 101, RUSS 102; taken in sequence.

²One course from: HIST 130, 206, 207, 216 or 231, or MGMT 221, or PHIL 103 or 201.

³For students starting in Math 103, Math 104, or Math 110, the programming courses should be replaced with electives or HPED 200 in the first year. Then MATH 140 and MATH 240 should be taken prior to MATH 340/365. See the Mathematics Student Handbook for a sample program guide.

⁴One course from: ENGL 211 or 212, or HIST 103, 106 or 107, or LIBS 202, or MUSI 220.

⁵One course from: ECON 200 or 201, FCS 135, 181 or 260, or FIN 279, or HIST 103, 104, 105, 106, 107, 130, 206, 207, or 216, JOMC 240, POLI 110, PSYC 101, or SOCI 100 or 200, or SSFM 226.

⁶One course from: PHIL 104, 201, 263, 315, 316, 317, or 320

⁷8 hours from: CHEM 100, 110 and BIOL 100; or CHEM 106,116 and CHEM 107, 117; CHEM 106,116 and BIOL 101.

⁸6 hours from: MATH 123, 242, 310, 323, 330, 432, STAT 240, 305, 324, 327, 328, 333, 334, 337, 425, 426, 428

MAJOR PROGRAM REQUIREMENTS

A student must earn a C or better grade except one passing grade below C if the student has GPA of at least 2.0 but less than 2.3, or two passing grades below C if the student has GPA of at least 2.3 in the following courses:

MATH 105	MATH 320
MATH 106	MATH 341
MATH 131	MATH 340/365
MATH 132	MATH 351
MATH 140	MATH 377
MATH 211	MATH 378
MATH 215	MATH 411
MATH 224	MATH 412
MATH 231	MATH 496
MATH 240	MATH Electives (2)