

Mathematics (BS) Four-Year Plan

Mathematics - Bachelor of Science 2022-23 Four-Year Plan

Freshman

First Term	Hours	Second Term	Hours
ENGL 110C		3 ENGL 211C, ENGL 221C or ENGL 231C (Grade of C or better required)	3
MATH 211		4 MATH 212	4
Human Behavior (ECON 202S required for the Actuarial Mathematics major)		3 Oral Communication	3
Information Literacy and Research (CS 121G preferred. IT 150G is acceptable substitute for the Actuarial Mathematics major or the Big Data Analytics major)		3 Impact of Technology (IT 360T suggested for Actuarial Mathematics major)	3
Elective or Language & Culture I (May be waived; See requirement details)		3 ELective or Language & Culture II (May be waived; See requirement details)	3
		16	16

Sophomore

First Term	Hours	Second Term	Hours
MATH 307		3 MATH 312	4
CS 150		4 Interpreting the Past	3
Human Creativity		3 Philosophy and Ethics (PHIL 120P recommended)	3
Nature of Science I (Course depends on major chosen. See requirement details)*		4 Nature of Science II (Course depends on major chosen. See requirement details)*	4
		14	14

Junior

First Term	Hours	Second Term	Hours
MATH 311W		3 MATH 316	3
STAT 310 or STAT 331 (Statistics/ Biostatistics and Actuarial Mathematics Majors must take STAT 331)		3 MATH 317	3

Literature	3	STAT 330 or STAT 431 (Statistics/ Biostatistics and Actuarial Mathematics majors take STAT 431)	3
Major course*	3	Major course*	3
Upper-Division General Education Course or Minor	3	Upper-Division General Education Course or Minor	3
	15		15

Senior

First Term	Hours	Second Term	Hours
Major course*		3 Major course*	3
Major course*		3 Major course*	3
Elective or Major Course if Big Data Analytics major*		3 Elective or Major Course if Big Data Analytics major*	3
Elective or STAT 310		3 Elective*	3
Minor or Elective		3 Minor or Elective	3
		15	15

Total credit hours: 120

*The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.