

Mathematics and Statistics

Department Information

- **Credential Offered:**
B.S.; B.A.
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/>)

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degremap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with academic advisors to ensure graduation requirements are being met.

Math and Statistics (Pre-Actuarial)

Freshman			
Fall	Credits	Spring	Credits
MATH 165 ¹		4 MATH 166	4
MATH 129		3 MATH 329	3
STAT 330		3 COMM 110	3
ENGL 110 or 120 (based on placement)		3 ECON 202	3
ECON 201		3 Gen Ed Humanities & Fine Arts	3
		16	16
Sophomore			
Fall	Credits	Spring	Credits
MATH 265		4 CSCI 161	4
MATH 270		3 MATH 266	3
CSCI 160		4 MATH 346	3
STAT 367		3 STAT 368	3
		STAT 461	3
		14	16
Junior			
Fall	Credits	Spring	Credits
MATH 450		3 STAT 468	3
STAT 467		3 ACCT 201	3
ACCT 200		3 MATH 300-400 Elective	3
STAT 400 Elective		3 STAT 400 Elective	3
Gen Ed Upper Level Writing		3 Actuarial Elective (Select from official curriculum guide)	3
		15	15
Senior			
Fall	Credits	Spring	Credits
STAT 400 Elective		3 STAT 476	1
Gen Ed Science & Tech		3 STAT 462 (Capstone)	3
Gen Ed Science & Tech w/ Lab		4 Gen Ed Science & Tech	3

Actuarial Elective (Select from the official curriculum guide)	3 Gen Ed Hum & Fine Arts/ Cult Div	6
	Gen Ed Wellness	2
	13	15

Total Credits: 120

1
Students who are not ready for Math 165 may need an additional semester to complete their degree.