

JOINT BACHELOR OF SCIENCE IN STATISTICS/MASTER OF SCIENCE IN STATISTICS

Overview

This terminal degree is intended to prepare students for careers as professional statisticians. The emphasis of the degree is in statistical computing and statistical modeling with electives designed to meet individual student's goals.

Admission

Students interested in the program should engage in early planning and may apply for the joint program after completing 90 semester hours of credit. Admissions decisions will be based on prior undergraduate record and letters of recommendation.

Requirements

Joint degree students fulfill the requirements of all undergraduate statistics majors. The degree requires 36 hours of approved graduate courses including 15 hours of STA courses and 21 hours of approved graduate electives. Students enrolled in the 4+1 B.S./M.S. program will complete a total of 151 hours.

Curriculum

Joint degree students fulfill the requirements of all undergraduate statistics majors. The 36-hour M.S. requirement for the joint degree is typically completed during the senior and +1 year. However, students will construct an individual coursework plan with their advisor. For the joint degree, students must complete a capstone project.

Curriculum for the M.S. Portion of the Joint Degree ¹

Code	Title	Hours
Statistics Core		
STA 5300	Statistical Methods	3
STA 5301	Introduction to Experimental Design	3
STA 5303	Applied Regression Analysis	3
STA 5384	Multivariate Statistical Methods	3
Practicum Courses		
STA 5V85	Practice in Statistics	3
Elective Courses		
The elective courses are selected from any approved STA course or from approved courses in MTH, CSI, ECO, QBA, MIS, BIO, or PSY.		21
Total Hours		36

¹ This is the same as the curriculum for the professional track.