



AUBURN UNIVERSITY
AT MONTGOMERY

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Department of Mathematics

www.aum.edu/math

DATA SCIENCE MINOR STUDY PLAN

General description:

A DATA SCIENCE minor complements majors from business and education to sciences by integrating students' knowledge and analytic thinking skills learned through the study of data science. The minor will prepare students with fundamental skills and knowledge in data science. The minor can be helpful to students in pre-professional programs such as the health sciences, business, education, social science, etc.

Total course credit hours required: 12

Courses Required:

Course No.	Title	Credit hours	Prerequisites
STAT 1010	Intro Data Science	3	MATH 0803/0903 equivalence; or ACT MATH 22; or ALEKS 46
STAT 2000	Data Wrangling and Visualization		STAT 1010
STAT 3000	Statistics Using R Programming	3	MATH 1020/1050/1100/1120/1150 or STAT 2670
Select <u>one</u> from the following:			
STAT 4500	Statistical Machine Learning	3	STAT 1010/STAT 3000
STAT 4160	Data Science Productivity Tools	3	STAT 1010/STAT 3000

Last updated: 9/22/2021, 09/13/2024, 10/2/2025