

INDIVIDUALIZED CONCENTRATION, MATHEMATICAL SCIENCES (BS)

Course Requirements

Students may consult with a mathematics faculty advisor and the department chair to create an individualized program of study leading to a degree in mathematics. Typically, such a program will consist of the Common Core in Mathematics plus six mathematics courses chosen from those included in the other concentrations and approved by the department chair.

Open Electives

Open elective credit also is required to meet the minimum graduation requirement of 192 hours.

Data Analysis Requirement

This requirement can be satisfied via one of the following:

- AP Statistics credit (score of 3 or better)
- An applied statistics or data analysis course from the following list. Other data analysis courses may satisfy the requirement with departmental approval. Note that this course may be taken as one of the four Natural or Computer Science courses required for the BS, as part of the major, or as an open elective.

Course	Title	Quarter Hours
MAT 137	BUSINESS STATISTICS	4
MAT 242	ELEMENTS OF STATISTICS	4
MAT 341	STATISTICAL METHODS USING SAS	4
MAT 348	APPLIED STATISTICAL METHODS	4
MAT 353	PROBABILITY AND STATISTICS III	4
IT 223	DATA ANALYSIS	4
PSY 240	STATISTICS I	4
BIO 206	BIOSTATISTICS	4
ENV 260	ENVIRONMENTAL DATA ANALYSIS	4
SOC 279	INTRO STATS FOR THE SOCIAL SCIENCES	4
HON 180	DATA ANALYSIS AND STATISTICS	4