

DATA ANALYTICS MINOR

From marketing, finance and health care, to business, psychology and sociology, many industries are searching for employees who can skillfully manage large amounts of data. This pioneering program mixes mathematics with computer science and psychology, and teaches students how to collect, analyze and communicate complex information in eye-catching ways. Students may complete this minor at Seton Hall or entirely online.

Prerequisites

- Undergraduate admissions to Seton Hall University

Curriculum

The minor is earned by completing 15 course credits and an additional 3-credit internship, for a total of 18 credits.

Code	Title	Hours
Required Courses		
DASC 3000	Data Visualization	3
DASC 3010	Data Mining	3
MATH 1203	Stats Models for Soc Science *	3
Practical Experience		
Select three credits from the following:		3
DASC 4011	Intern in Visual Analytics	
DASC 4021	Project in Visual Analytics	
PSYC 3408	Internship in Psychology	
CSAS 3091 & CSAS 3092	and Independent Study	
CSAS 3093	Computer Science Internship	
CSAS 3094	Computer Science Co-Op I	
CSAS 4201	Approaches to Big Data	
Elective		
Select six credits from the following concentrations:		6
Visualization and Cognition Concentration (p.)		
Computing Concentration (p.)		
Total Hours		18

* Or BQUA 2811 Business Statistics, CHEM 4212 Course CHEM 4212 Not Found, MATH 2111 Statistics for Science Majors, MATH 2711 Intro Probability - Statistics, MATH 3711 Statistical Analysis, PSYC 2311 Elementary Psychological Statistics for majors with these courses.

****For students who have skills comparable to BITM 2701 Management Information Systems.**

Visualization and Cognition

Code	Title	Hours
PSYC 1101	Introduction to Psychology ((must earn at least a C-))	3
PSYC 3214	Cognitive Psychology	3
Total Hours		6

Computing

Code	Title	Hours
DASC 3111	Text Mining	3
or ENVL 3150	Geographic Information Systems	
Select an introductory computing course:*		3
CSAS 1113	Computing for Science Majors	
CSAS 1114	Intro to Program Design I	
ISCI 1117	Computing for Informatics	
Total Hours		6

* The computing course is waived for students who receive transfer credit recorded as CSAS 1111 Introduction to Computer Science I.