

DATA SCIENCE MAJOR

Course	Title	Hours
First Year		
Fall		
CSCI 150	Introduction to Computing in the Liberal Arts and Sciences	4
MATH 119	Calculus I	4
INTG 100	Foundations	4
INTG 105	College Success	1
Language 111		4
Hours		17
Spring		
CSCI 160	Problem Solving, Programming, and Computers	4
MATH 120	Calculus II	4
Language 112		4
CSD:I		4
Hours		16
Second Year		
Fall		
CSCI 200	Abstraction, Data Structures, and Large Software Systems	4
CSCI 239 or MATH 239	Discrete Computational Structures or Linear Algebra	4
THEO 100	Theological Explorations	4
Language 211		4
Hours		16
Spring		
DATA 162	Introductory Data Analysis and Visualization	2
DSCI Elective (CSCI or MATH)		4
Elective (INTG Requirement)		4
Elective (INTG Requirement)		4
Elective (INTG Requirement)		4
Hours		18
Third Year		
Fall		
DSCI Elective (CSCI or MATH)		4
Elective (INTG Requirement)		4
Elective (INTG Requirement)		4
Elective (INTG Requirement)		4
Hours		16
Spring		
CSCI 332	Machine Learning	4
DATA 272	Intermediate Data Analysis and Visualization	2
MATH 118 or DSCI ELECTIVE (CSCI O)	Essential Calculus	4
CSD:S		4
Elective (INTG Requirement)		4
Hours		18
Fourth Year		
Fall		
MATH 345 or DSCI ELECTIVE (CSCI O)	Mathematical Statistics I	4
DSCI Elective (CSCI or MATH)		4
DSCI Elective (CSCI or MATH)		4
THEO 3@@		4
Hours		16
Spring		
INTG 300	Learning Integrations	4
DSCI 372 (Capstone)		4

DSCI Elective (CSCI or MATH)	4
DSCI Elective (CSCI or MATH)	4
Hours	16
Total Hours	133