Computer Science: Data Science Track

Program: Computer Science
Type: Track

Required Courses

Required Courses

Major Core Courses:

Item #	Title	Credits
CPSC 111	Introduction to Computer Science	3
CPSC 211	Data Structures	3
CPSC 225	Computer Hardware Organization	3
CPSC 311	Systems Analysis and Design	3
CPSC 415	Operating Systems	3
CPSC 441	Database Management Systems	3
CPSC 493	Senior Project	3
CPSC 497	Internship	3
MATH 212	Discrete Mathematics	3

Data Science Courses:

Item #	Title	Credits
CPSC 231	Introduction to File Processing	3
CPSC 435	Artificial Intelligence	3
CPSC 442	Big Data	3
MATH 231	Calculus I	4
MATH 232	Calculus II	4
MATH 233	Calculus III	4
MATH 310	Probability and Statistical Inference	3
MATH 331	Linear Algebra	3
MATH 448	Special Topics	3
	Total credits:	**57**