

Schedule of Data Science Courses

(occasional adjustments may be necessary)

Mathematics Courses		Fall Even Years	Spring Even Years	Fall Odd Years	Spring Odd Years
DATASCI 110	Introduction to Data Science		✓		✓
DATASCI 210	Data Visualization	✓			
DATASCI 310	Databases for Big Data	✓		✓	
DATASCI 410	Machine Learning		✓		✓
DATASCI 420	Advanced Data Science	✓		✓	
COMPSCI 115	Python Programming	✓	✓	✓	✓
COMPSCI 121	OOP with Java	✓	✓	✓	✓
COMPSCI 122	GUIs in Java	✓	✓	✓	✓
COMPSCI 215	Advanced Python Programming		✓		✓
COMPSCI 221	Advanced Java	✓		✓	
COMPSCI 348	Data Mining		✓		✓
COMPSCI 357	Database	✓	✓	✓	✓
COMPSCI 457	Database Design II		✓		
DIGFOR 219	Linux	✓	✓	✓	✓
MATH 1**	All 100-level MATH courses	✓	✓	✓	✓
MATH 225	Calculus 3	✓	✓	✓	✓
MATH 240	Statistical Methods		✓		✓
MATH 241	Probability and Statistics		✓		✓
MATH 314	Linear Algebra	✓		✓	
MATH 320	Programming in Mathematics			✓	
MATH 340	Statistical Software	✓			
MATH 342	Design & Analysis of Experiments	✓			
MATH 343	Applied Regression Analysis			✓	
MATH 410	Mathematical Modeling		✓		✓