Bachelor of Science in Data Science Sample Schedule of Classes (121 credits)

	Fall 1	Spring 1	Fall 2	Spring 2	Fall 3	Spring 3	Fall 4	Spring 4
Foundation	Freshman Seminar 1	Freshman Seminar 2	Armenian Language & Literature 1	Armenian Language & Literature 2	Armenian History 1	Armenian History 2		
Data Science Core	Calculus: Single Variable (4)	Calculus: Multi Variable (4)	Probability	Numerical Methods				Capstone
	Discrete Math	Introduction to Business	Linear Algebra and ODE (4)	Statistics 1	Statistics 2			
	Intro to Computer Science	Programming for Data Science	Data Structures/ Algorithms for Data Science (4)	Databases and Distributed Systems	Artificial Intelligence: Decision Support			
				Physics & Chemistry in Life Sciences	Data Visualization	Machine Learning		
Gen-Ed	Gen-Ed 1	Gen-Ed 2	Gen-Ed 3			Gen-Ed 4	Gen-Ed 5	Gen-Ed 6
Free Electives							Free Elective 1	Free Elective 3
							Free Elective 2	

Tracks

	Fall 1	Spring 1	Fall 2	Spring 2	Fall 3	Spring 3	Fall 4	Spring 4
Bioinformatics Track					Cell & Molecular Biology	Intro to Bioinformatics	Systems Biology	Bioinformatics Elective 2
						Computational Biology	Bioinformatics Elective 1	
Total Credits	16	16	17	15	15	15	15	12
Business Analytics Track					Managerial Accounting and Analysis	Business Intelligence	Marketing Analytics	Business Analytics Elective
						Time Series Forecasting	Business Analytics Elective 1	
Total Credits	16	16	17	15	15	15	15	12