Bachelor of Science in Data Science Sample Schedule of Classes – Bioinformatics Track (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			
				Physics & Chemistry in Life Sciences	Data Visualization	Machine Learning		
Bioinformatics Track					Cell & Molecular Biology	Intro to Bioinformatics	Systems Biology	*Bioinformatics Elective 2*
						Computational Biology	*Bioinformatics Elective 1*	
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	
Total Credits	16	16	17	15	15	15	15	12

Bachelor of Science in Data Science Sample Schedule of Classes – Business Analytics Track (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 Analysis				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			
				Physics & Chemistry in Life Sciences	Data Visualization	Machine Learning		
Business Analytics Track					Managerial Accounting and Analysis	Business Intelligence	Analytics for Decision Making	*Business Analytics Elective*
						Time Series Forecasting	*Business Analytics Elective 1*	
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 Electives							*Free Elective 2*	
Total Credits	16	16	17	15	15	15	15	12