Data Science

Bachelor of Science | College of Arts & Sciences | Quinnipiac University | Catalog year 2024-2025

Sample four-year plan Shown below is one of many possible paths through the curriculum. Each student's individual academic plan is crafted in consultation with their academic advisor.

			. First Year		
		-		t once a semester, and a GPA of 2.0 or higher.	
Fall Semeste		Credits	Spring Se		Credits
EN 101	Introduction to Academic Reading and Writing UC Foundations Inquiry	3	EN102	Academic Writing/Research UC Foundations Inquiry	3
FYS 101	First-Year Seminar UC Foundations Inquiry	3	MA 285	Applied Statistics	3
MA 151	Calculus I	4		University Curriculum (UC)	3
DS 110	Introduction to Data Science	3		University Curriculum (UC)	3
	Social Science University Curriculum (UC)	3		Open Elective	3
	Total	16		Total	15
		S	Second Year		
Milestones: I				at least once per semester to discuss academic, experiential	learning,
E NG (o-curricular o		
Fall Semeste		Credits	Spring Se		Credits
EC 365	Econometrics	3	DS 201	Intro to Python	1
CSC110 &	Programming and Problem-Solving and Programming and Problem-Solving Lab	3	MA 229	Linear Algebra UC Foundations Inquiry	3
CSC 110L	Language at 101 Level	1 3		Language 102	3
	Language at 101 Level	5		Satisfies CAS language requirement	5
	University Curriculum (UC)	3		University Curriculum (UC)	3
	Open Elective or Minor course	3		Open Elective or Minor course	3
	Open Elective or Minor course Total	3 16		Open Elective or Minor course Total	-
Milestones	Total	16 . Meet with	Third Year h your adviso r research opp	r at least once per semester. Participate in study abroad, co	13
Milestones Fall Semeste	Total s: Earn 90 credits and a GPA of 2.0 or higher in	16 . Meet with	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, co portunities.	13
	Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science	16 . Meet with nternship o	h your adviso r research opj	Total r at least once per semester. Participate in study abroad, co portunities. mester Data Mining	13 omplete
Fall Semeste	Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts	16 . Meet with nternship o Credits	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, co portunities. Data Mining Humanities	13 omplete Credits
Fall Semeste	Total Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC)	16 Meet withnternship oCredits33	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, coportunities. Data Mining Humanities University Curriculum (UC)	13 omplete Credits 3 3
Fall Semeste	Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab	16 . Meet with ternship o Credits 3	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. emester Data Mining Humanities University Curriculum (UC) Natural Science + Lab	13 omplete Credits 3
Fall Semeste	Total Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC)	16 Meet withnternship oCredits33	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, coportunities. Data Mining Humanities University Curriculum (UC)	13 omplete Credits 3
Fall Semeste	Total s: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC)	16. Meet withnternship oCredits334	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. emester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC)	I3 omplete Credits 3 4
Fall Semeste	Total s: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC)	16. Meet withnternship oCredits343	h your adviso r research opp Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. mester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC)	13ompleteCredits33433
Fall Semeste DS210/310	Total s: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	16 Meet withnternship oCredits343316	n your adviso r research opp DS 380	Total r at least once per semester. Participate in study abroad, corportunities. mester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	13ompleteCredits33433
Fall Semeste DS210/310	Total s: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	16 Meet withnternship oCredits343316	n your adviso r research opp DS 380 Fourth Year Complete po	Total r at least once per semester. Participate in study abroad, coportunities. emester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total sssible minor or double major and prepare for graduation.	13ompleteCredits33433
Fall Semeste DS210/310 M Fall Semeste	Total Total S: Earn 90 credits and a GPA of 2.0 or higher in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er	16. Meet with nternship oCredits3343316or higher.Credits	h your adviso r research opp DS 380 Fourth Year Complete po Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. pmester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ssible minor or double major and prepare for graduation.	13ompleteCredits33433
Fall Semeste DS210/310	Total Total s: Earn 90 credits and a GPA of 2.0 or higher in ir Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning	16 Meet with nternship o Credits 3 4 3 3 16 0 or higher.	n your adviso r research opp DS 380 Fourth Year Complete po	Total r at least once per semester. Participate in study abroad, corportunities. pmester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total sssible minor or double major and prepare for graduation. pmester Data Science Senior Seminar	13 complete Credits 3 4 3 16
Fall Semeste DS210/310 M Fall Semeste	Total Total s: Earn 90 credits and a GPA of 2.0 or higher in ir Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts	16. Meet with nternship oCredits3343316or higher.Credits	h your adviso r research opp DS 380 Fourth Year Complete po Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. pmester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ssible minor or double major and prepare for graduation. pmester Data Science Senior Seminar Humanities	13 omplete Credits 3 4 3 16
Fall Semeste DS210/310 M Fall Semeste	Total Total s: Earn 90 credits and a GPA of 2.0 or higher in ir Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts University Curriculum (UC)	16 Meet withnternship oCredits34343160 or higher.Credits33	h your adviso r research opp DS 380 Fourth Year Complete po Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. pmester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ssible minor or double major and prepare for graduation. pmester Data Science Senior Seminar Humanities University Curriculum (UC)	13 omplete Credits 3 4 3 16 Credits 4 3 3 16
Fall Semeste DS210/310 M Fall Semeste	Total Total s: Earn 90 credits and a GPA of 2.0 or higher in in er Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts University Curriculum (UC) Open Elective or Minor course	16. Meet with nternship oCredits33433160 or higher.Credits3333	h your adviso r research opp DS 380 Fourth Year Complete po Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. mester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ssible minor or double major and prepare for graduation. mester Data Science Senior Seminar Humanities University Curriculum (UC)	13 omplete Credits 3 4 3 16 Credits 4 3 3 16 Credits 3 3 3 3 3 3 3 3
Fall Semeste DS210/310 M Fall Semeste	Total Total s: Earn 90 credits and a GPA of 2.0 or higher in ir Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts University Curriculum (UC)	16 Meet withnternship oCredits34343160 or higher.Credits33	h your adviso r research opp DS 380 Fourth Year Complete po Spring Se	Total r at least once per semester. Participate in study abroad, corportunities. pmester Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total ssible minor or double major and prepare for graduation. pmester Data Science Senior Seminar Humanities University Curriculum (UC)	13 omplete Credits 3 4 3 16 Credits 4 3 3 16

Total number of credits to graduate: 120

