Data Science

Bachelor of Science | College of Arts & Sciences | Quinnipiac University | Catalog year 2023-2024

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.

E-UC :	Milostonos: Forn 30 gradite most v		. First Year	once a competer, and a GPA of 2.0 or higher	
Fall Semester		Credits	your advisor at least once a semester, and a GPA of 2.0 or higher. redits Spring Semester		Credit
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
	ca	Meet with y reer, and co	o-curricular o		
Fall Semest		Credits	Spring Se		Credits
EC 365	Econometrics	3	DS 201	Intro to Python	1
CSC110 & CSC 110L	Programming and Problem-Solving and Programming and Problem-Solving Lab	3	MA 229	Linear Algebra UC Foundations Inquiry	3
	Language at 101 Level	3		Language 102 Satisfies CAS language requirement	3
	University Curriculum (UC)	3		University Curriculum (UC)	3
	Open Elective or Minor course	3		Open Elective or Minor course	3
	Total	16		Total	13
Milostopo			Third Year		
	i	nternship o	r research opp		_
Fall Semest	in in the second	nternship o Credits	r research opp Spring Se	portunities. mester	Credits
Fall Semest	er Algorithms for Data Science	Credits 3	r research opp	mester Data Mining	Credits 3
Fall Semest	er Algorithms for Data Science Fine Arts	nternship o Credits	r research opp Spring Se	mester Data Mining Humanities	Credit
Fall Semest	er Algorithms for Data Science	Credits 3	r research opp Spring Se	Data Mining Humanities University Curriculum (UC)	Credit:
Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC)	Credits 3 3	r research opp Spring Se	mester Data Mining Humanities	Credits 3
Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC)	Credits 3 3	r research opp Spring Se	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC)	Credit:
Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course	Credits 3 3 4 3 3	r research opp Spring Se	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC)	Credit: 3 3 4
	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC)	Credits 3 3 4 3	r research opp Spring Se	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC)	Credit: 3 3 4 4 3
Fall Semest DS210/310	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	Credits 3 3 4 3 3 16	Spring Se DS 380 Fourth Year	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course	Credits 3 3 4 4 3 3 3
Fall Semest DS210/310	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	Credits 3 3 4 3 3 16	Spring Se DS 380 Fourth Year Complete po	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	Credits 3 3 4 3 16
Fall Semest DS210/310 M Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	Credits 3 3 4 3 16 Or higher.	Spring Se DS 380 Fourth Year	Data Mining Humanities University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total	Credits 3 3 4 4 3 3 3
Fall Semest DS210/310	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total Gilestones: Earn 120 credits and a GPA of 2.0 er	Credits 3 3 4 3 16 Or higher. Credits	Spring Se DS 380 Fourth Year Complete po Spring Se	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. mester	Credits 3 3 4 3 16 Credits
Fall Semest DS210/310 M Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total Iilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts	Credits 3 3 4 3 16 Credits 3 3 16 Credits	Spring Se DS 380 Fourth Year Complete po Spring Se	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. mester Data Science Senior Seminar Humanities	Credits 3 3 4 3 16 Credits 4
Fall Semest DS210/310 M Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total Iilestones: Earn 120 credits and a GPA of 2.0 er Machine Learning Fine Arts University Curriculum (UC)	Credits 3 3 4 3 16 Credits 3 3 16 Credits 3 3	Spring Se DS 380 Fourth Year Complete po Spring Se	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. mester Data Science Senior Seminar Humanities University Curriculum (UC)	Credits 3 3 4 3 16 Credits 4 3
Fall Semest DS210/310 M Fall Semest	Algorithms for Data Science Fine Arts University Curriculum (UC) Natural Science + Lab University Curriculum (UC) University Curriculum (UC) Open Elective or Minor course Total Iilestones: Earn 120 credits and a GPA of 2.0 eer Machine Learning Fine Arts University Curriculum (UC) Open Elective or Minor course	Credits 3 3 4 3 16 Credits 3 3 16 Credits 3 3 3 3 3	Spring Se DS 380 Fourth Year Complete po Spring Se	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) Open Elective or Minor course	Credit: 3 3 3 16 Credit: 4 3 3 3

Total number of credits to graduate: 120