Data Science

Recommended Four-Year Plan (Fall 2022)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan and may extend degree completion.
NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2022-2023 academic year.

First Year					
Fall Semester	**HRS**		**Spring Semester**	**HRS**	
Gen Ed: Quantitative Reasoning - MATH 121-Calculus I	4		CMPS 130-Scientific Programming with Python	4	
Gen Ed: INTD 101-First Year Seminar	4		MATH 237-Discrete Structures or MATH 205-Mathematical Structures **WI**	4	
Gen Ed: CRWT 102-Critical Reading and Writing II	4		Gen Ed: AIID 201-Studies in the Arts & Humanities	4	
DATA 101-Introduction to Data Science	4		Gen Ed: SOSC 110-Social Science Inquiry	4	
			TAS Pathways Module 1: (PATH-TS1)	**Degree Rqmt.**	
Total:	16		**Total:**	16	

Second Year					
Fall Semester	**HRS**		**Spring Semester**	**HRS**	
CMPS 240-Data Analytics in Python	4		DATA 301-Data Visualization	4	
MATH 282-Linear Algebra **WI**	4		Minor Requirement*	4	
Gen Ed: Historical Perspectives	4		Gen Ed: Scientific Reasoning	4	
Minor Requirement*	4		Gen Ed: Distribution: Culture and Creativity OR Systems, Sustainability & Society **(Must be outside TAS)**	4	
TAS Pathways Module 2: (PATH-TS2)	**Degree Rqmt.**		TAS Pathways Module 3: (PATH-TS3)	**Degree Rqmt.**	
Total:	16		**Total:**	16	

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Third Year					
Fall Semester	**HRS**		**Spring Semester**	**HRS**	
Gen Ed: Distribution Values and Ethics					
DATA 225-					

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Fourth Year					
Fall Semester	**HRS**		**Spring Semester**	**HRS**	
CMPS 320-Machine Learning					