Data Science, MS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Data Science, MS

Course	Title	Hours
Academic Career		
Any Semester		
30 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. [a]		
	Hours	**0**
First Year		
Fall		
DATA:3120	Probability and Statistics [b]	4
DATA:3200	Applied Linear Regression	3
DATA:4540	Statistical Learning	3
DATA:5400	Computing in Statistics	3
	Hours	**13**
Spring		
DATA:4580	Data Visualization and Data Technologies	3
DATA:4750	Probabilistic Statistical Learning	3
	Hours	**6**
Second Year		
Fall		
DATA:4600	Causal Inference for Data Science	3
DATA:5890 or DATA:4890	MS Data Science Practicum or Data Science Practicum	2 - 3
	Hours	**5-6**
Spring		
DATA:6220	Consulting and Communication With Data	3
DATA:7400	Computer Intensive Statistics	3
	Hours	**6**
	Total Hours	**30-31**

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b If a student has completed STAT:3100 and STAT:3101 or STAT:4100 and STAT:4101 they will not need to take DATA:3120. However, another higher-level course must be taken to reach the 30 s.h. minimum total required for the degree.