

MSDS Spring Courses

This is a Spring 2026 course list for the MS in DS program. The list covers the core courses and possible alternates. The students must consult with their concentration advisors to determine the course selections. Enrollment in non-DSC courses requires instructors' permission.

The notation in the “Note” column is as follows: Appl = Data Science Applications, DB = Databases, ML = Machine Learning, Pra = Practicum, Prog = Programming, Stat = Statistics, Vis = Visualization

Subj	Catalog	Title	Instructor	Time	Sect	Class	Note	Core
DSC	615	Intro Python Prog	Chapman	MWF 14:30-15:20	G	4906	Prog	Yes
	622	Intro Infographics	Jin	MW 15:30-16:45	HI	1731	Vis	Yes
	622	Intro Infographics	McKenney	TR 17:05-18:20	J	1732	Vis	Yes
	623	Database Syst DS	Aguiar-Pulido	TR 15:30-16:45	S	4092	DB	
	644	Princ & Practice DS	Ayala	MWF 13:25-14:15	F	4087	Appl	Yes
	710	Internship	Ogihara	–	01	4090	Pra	Yes
	711	Internship	Ogihara	–	01	4091	Pra	Yes
	712	Internship	Ogihara	–	01	4088	Pra	Yes
CSC	642	Stat. Learning Appl.	Aguiar-Pulido	TR 14:00-15:15	R	4909	Stat	
	646	Intro ML with Applic	Liang	MWF 09:05-09:55	B	4905	ML	Yes
	648	Prob Solving Bioinfo.	Wang	TR 11:00-12:15	P	4892	Appl	
	650	Comput. Neuroscience	Schwartz	TR 12:30-13:45	Q	4779	Appl	
ECE	648	Machine Learning	Cai	TR 11:00-12:15	P	6282	ML	
MTH	643	Statistical Analysis II	Pestien	TR 17:05-18:20	T	5307	Stat	Yes
CIM	653	Dynamic Data	Jattin	TR 11:00-12:15	P	1225	Vis	
	683	Physic Computing	Rodriguez	MW 10:10-11:25	CD	1224	Vis	
EPS	702	Quantitative Methods II	Kara	T 12:30-15:15	PR	11775	Stat	
JMM	629	Adv Infogr Data Vis	Sueiro	TR 17:05-18:20	T	1722	Vis	
GEG	616	Urban Anal Geovis	Praharaj	TR 15:30-16:45	S	4990	Appl	
	691	Geo Info Syst I	Zhu	MW 12:20-13:35	EF	4962	Appl	
	691	Geo Info Syst I	Zhu	TR 11:00-12:15	P	4963	Appl	
	693	Geo Info Syst II	Zhu	MW 14:30-15:15	GH	4965	Appl	
	693	Geo Info Syst II	Zhu	TR 17:05-18:20	T	4967	Appl	
BST	630	Longit Multi-level Anal	Feaster	R 09:00-11:30	01	2679	Stat	
	670	Bayes Data Anal	Ishwaran	F 09:00-11:30	01	2684	Stat	
	680	Adv Stat Thy	Diaz	T 09:00-11:30	01	2685	Stat	
	691	High Dim Complex Data	Chen	W 09:30-12:00	01	2689	Stat	