



Statistical Modeling

Year One					
Fall Semester			Spring Semester		
EN	1103	English Composition I	EN	1113	English Composition II
MA	1713	Calculus I	MA	1723	Calculus II
CSE	1284	Intro to Programming	CSE	1384	Intermediate Programming
DSCI	2013	Data Science Literacy	DSCI	2012	Data Wrangling Lab
		Lab Based Science			Lab Based Science

Year Two					
Fall Semester			Spring Semester		
MA	2733	Calculus III	MA	3123	Statistical Inference
CSE	2813	Discrete Structures	CSE	2383	Data Structures & Analysis of Algorithms
DSCI	3013	Data Acquisition	DSCI	4013	Data Visualization
BIS	3233	Management Information Systems	PHI	1113	Intro to Logic
		Humanities	MA	2743	Calculus IV
					Fine Art

Year Three					
Fall Semester			Spring Semester		
MA	3113	Intro to Linear Algebra	MA	4523	Intro to Probability
CSE	4633	Artificial Intelligence	CSE	4503	Database Management Systems
DSCI	3022	Data Visualization Lab	DSCI	3012	Description, Analysis & Inference Lab
		Public Speaking Course			Written Communication Course
		Social/Behavioral Science	MA	4143	Graph Theory
MA	2923	Intro to Modern Scientific Computing	ST	4243	Data Analysis I

Year Four					
Fall Semester			Spring Semester		
CSE	3763	Legal & Ethical Issues in Computing	DSCI	2022	Cloud, Quantum & High Perf Computing Lab
DSCI	3032	Artificial Intelligence Lab	MA	4133	Discrete Mathematics
MA	4183	Math. Found. Of Machine Learning	ST	4543	Intro to Mathematical Statistics I
ST	4313	Intro to Spatial Statistics	ST	4213	Nonparametric Methods
DSCI	4553	Senior Capstone One	DSCI	4663	Senior Capstone Two