Election of Major
Data Science (53-55 hours)
2020-2021 Catalog

Name_____   I.D. Number_____

Planned Degree Completion Date: Mo._____ Yr._____   ✔ One Degree:____BA   ____BS

Required Courses   Hours
Do not write in shaded area

	Course		Hours
	CPTR 111	Foundations of Computer Science I	4.0
	CPTR 113	Foundations of Computer Science II	3.0
	CPTR 430	Machine Learning	3.0
	DATA 110	Introduction to Data Science	4.0
	DATA 210	Statistical Analysis	
	OR		4.0
	PSYC 241	Statistics & Research Methods I	
	DATA 227	Statistical Computing	1.0
	DATA 231	Database Programming and Design `	4.0
	DATA 242	Data Analytics	3.0
	DATA 331	Data Acquisition and Management	3.0
	DATA 431	The Data Professional	1.0
	DATA 475	Internship in Data Science	
	OR		3.0
	DATA 499	Senior Project in Data Science	
	MATH 125	Mathematical Modeling	4.0
	MATH 130	Discrete Mathematics	4.0
	MATH 315	Probability & Simulation	3.0

One course selected from:

	Course		Hours
	BUS 111	Foundations of Business	3.0
	BUS 231	Principles of Management	3.0
	BUS 234	Principles of Marketing	3.0

Nine hours of approved electives selected from:

BUS 310, 322, 420, 447; CPTR 310, 340, 424; DATA 275, 385; ENVS 215; IDIV 205; MATH 233, 330; POSC 325; PSYC 341

	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

Explain transfer, substitutions, or other irregularities:

Advisor Signature_____Date_____

Department Chair Signature _____Date_____
I understand I have final responsibility for monitoring my graduation requirements.

Student Signature_____Date_____

Return this form to the Office of the Registrar