Program:	DSC.CC Data Analytics Certificate (18 credits)		Division: STEM
Student:		ID#:	Catalog Year: 2023-2024

Developmental Education Courses (if required)						
☐	EAP-018	Intensive Academic English	☐	MAT-020	Basics of College Math	☐ COM-017/019 Foundational Reading/Writing
☐	EAP-020/040	EAP Reading I and Writing I	☐	MAT-03_		☐ COM-097 Academic Literacy I
☐	EAP-050/060	EAP Writing II and Reading II				☐ COM-098 Academic Literacy II

SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

SEMESTER I – Fall (9 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	MAT 210	Statistics	3	MAT 030, or MAT 032, MAT 034 or MAT 035; COM 098 or (EAP 050 & EAP 060), with grades of "C" or better or placement by exam. **MAT 035 is recommended for this program.**	All & OL
	DSC 120	Foundations of Data Analysis	3	IFT 110; MAT 030 or MAT 032 or MAT 035 with a grade of "C"; COM 098 or (EAP 050 & EAP 060) with grades of "C" or better or placement by exam	Fall
	DSC 140	Web Development and Design	3	IFT 110; MAT 030 or MAT 032 or MAT 035 with a grade of "C"; COM 098 or (EAP 050 & EAP 060) with grades of "C" or better or placement by exam	Fall

SEMESTER 2 – Spring (6 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	DSC 180	Introduction to Frameworks (with JavaScript and Python)	3	DSC 120, DSC 140 & MAT 210 with grades of "C" or better	Spring
	DSC 200	Data-Oriented Design for Game Development	3	DSC 140 with "C" or better	Spring

SEMESTER 3 – Fall (3 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	DSC 210	Database Management Systems/SQL	3	DSC 180 with a "C" or better [Equivalent to PRG 260]	Fall

Date created: January 2023	Updated: May 2023	All = Fall/Spring/Summer OL = Online