

Data Science Certificate in Applied Science

Preferred Sequence		
FIRST SEMESTER		HOURS
CPT 113	Information Systems	3
CPT 257	Operating Systems	3
CPT 170	Computer Applications I	3
	Total Semester Hours	9
SECOND SEMESTER		
CPT 127	Python Programming I	3
IST 272	Relational Database	3
	Total Semester Hours	6
THIRD SEMESTER		
CPT 227	Python Programming II	3
CPT 189	Data Science I	3
	Select One of the Following	3
IST 239	Javascript	
CPT 236	Java Programming I	
	Total Semester Hours	9
FOURTH SEMESTER		
CPT 273	Data Visualization	3
CPT 289	Data Science II	3
IST 278	Database Programming	3
	Total Semester Hours	9
	Total Required Credit Hours	33