Master of Science in Applied Computer Science



Computer Science Core Courses		9
CPTR 575	Issues in Computer Science and Religion	3
CPTR 597	Field Practicum	6
CPTR 598	Project	6
Certificate Courses		24
Select two of	f three certificates:	
Cyber Securi Prerequisite:	ty Certificate One year of programming or CPTR 502 Foundations of Software Development and CPTR 328 Principles of Networking or equivalent course	12
CPTR 534	Advanced Network and Server Administration	3
CPTR 544	Offensive Cybersecurity	3
CPTR 545	Defensive Cybersecurity	3
CPTR 554	Cyber Forensics	3
	cs Certificate : Undergraduate statistic course (equivalent to MATH 215) and one year of programming or CPTR 502 Foundations of Software Development	12
CPTR 512	Programming in Data Analytics	3
CPTR 519	Databases and Data Warehouses	3
CPTR 524	Data Mining and Analytics	3
CPTR 528	Data Visualization	3
Web Develop Prerequisite:	oment Certificate One year of programming or CPTR 502 Foundations of Software Development	12
CPTR 526	User Experience	3
CPTR 546	Web Services	3
CPTR 556	Front-end Web Development	3
CPTR 519	Databases and Data Warehouses	3
CPTR 535	Mobile Application Development	3

33

Total Hours