

Master of Science in Computer Science



Computer Science Core Courses

33

Select 12 Credits:

12

CPTR 521	Advanced Databases	3
CPTR 531	Algorithms	3
CPTR 551	Parallel and Distributed Systems	3
CPTR 553	Advanced Software Engineering	3
CPTR 557	Artificial Intelligence	3
CPTR 571	Software Architecture	3

Select 12 Credits:

12

CPTR 524	Data Mining and Analytics	3
CPTR 526	User Experience	3
CPTR 528	Data Visualization	3
CPTR 534	Advanced Network and Server Administration	3
CPTR 535	Mobile Application Development	3
CPTR 544	Offensive Cyber Security	3
CPTR 545	Defensive Cyber Security	3
CPTR 546	Web Services	3
CPTR 554	Cyber Forensics	3
CPTR 556	Front-end Web Development	3

Additional Required Courses

9

CPTR 575	Issues in Computer Science and Religion	3
CPTR 598	Project	6
CPTR 599	Thesis	6

OR

Total Hours 33