

**Master of Science in Computer Science (online)**  
**Two Year Proposed Schedule of Classes**

<b>MS in CS Courses (30 hrs)</b>	<b>FA 20</b>	<b>SP 21</b>	<b>SU 21</b>	<b>FA 21</b>	<b>SP 22</b>	<b>SU 22</b>
<b>Required core courses (18 hrs)</b>						
CSCI 5120 Topics in Information Security	x			x		
CSCI 6220 Distributed Operating Systems		x			x	
CSCI 6230 Internetworking Archit & Protocols	x			x		
CSCI 6410 Advanced Database Design		x			x	
CSCI 6720 Distributed Web Applications		x			x	
CSCI 6800 HCI & Interface Dsg	x			x		
<b>Elective Courses (12 hrs or 6 hrs w/thesis)</b>						
CSCI 5310 Decision Support Systems			x			x
CSCI 6420 Data Mining						x
CSCI 6900 Special Problems in CS	x			x		
CSCI 6910 Cloud Computing and Security			x			
CSCI 6930 Internship	x	x	x	x	x	x
<b>Thesis only (6 hrs)</b>						
CSCI 7900 Thesis	x	x	x	x	x	x
CSCI 7900 Thesis						

**Graduate Certificate in Computer Science (online)**  
**Two Year Proposed Schedule of Classes**

<b>Graduate Certificate in CS Courses (18 hrs)</b>	<b>FA 20</b>	<b>SP 21</b>	<b>SU 21</b>	<b>FA 21</b>	<b>SP 22</b>	<b>SU 22</b>
<b>Select 6 courses from</b>						
CSCI 5310 Decision Support Systems			x			x
CSCI 6230 Internetworking Arch & Protocols	x			x		
CSCI 6410 Advanced Database Design		x			x	
CSCI 6420 Data Mining						x
CSCI 6220 Distributed Operating Systems		x			x	
CSCI 6800 HCI & Interface Dsg	x			x		
CSCI 6900 Special Problems in CS	x			x		
CSCI 6910 Cloud Computing and Security			x			
CSCI 6930 Internship	x	x	x	x	x	x

Scheduling Notes:

Graduate Certificate in CS can be completed within one calendar year (three semesters).

Graduate Certificate students should plan schedules carefully with their advisor to fulfill graduation requirements.