

## Academic Program Sequence Map

**Program Degree Type and Name:** MS Computer Science, Specialization in Software Development    **Catalog Year:** 2021-2022

**Program Level:** Graduate                      **Academic Term Type:** Semester

Year and Term: Year 1 Fall term							Year and Term: Year 1 Spring Term						
Credits Per Classification							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)
CISC 505- Object-Oriented Programming and Analysis of Algorithms	3		x			None	CISC 515- Software Design and Development	3		x			CISC 505
CISC 510- Theoretical Concepts in Computer Science	3		x			None	CISC 545- Distributed Application Development	3		x			CISC 505, CISC 520
CISC 520- Database Management Systems	3		x			None	CISC 555- Mobile Application Development	3		x			CISC 505
Elective	3		x				Elective	3		x			
Term Credit Total:	12		12				Term Credit Total:	12		12			
Year and Term: Year 2 Fall							Year and Term: Year 2 Spring						
Credits Per Classification							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)
CISC 575- Software Assurance	3		x			CISC 505, CISC 515							
CISC 600- Thesis	3		x			Approval of Program Head							
OR CISC 601- Software Engineering Project													
Term Credit Total:	6		6				Term Credit Total:						
<b>Program Totals</b>													
							Credits: 30    General Education: N/A (Graduate)    Major & Major Elective: 30    Open Elective: N/A						

**Legend:**    **CR:** Credits    **GE:** General Education    **Maj:** Major / Major Elective    **OE:** Open Elective    **SM:** Success Marker    **Co/Prerequisite(s):** List of co/ prerequisites for noted course