



5 Year Plan of Study			
First Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
CSCI 1583/1581	4	CSCI 2120/2121	4
MATH 1126	3	CSCI 2450	3
ENGL 1157	3	MATH 2314	3
Elective	3	MATH 3721	3
UNIV 1001	1	ENGL 1158	3
<b>Total Hours</b>	<b>14</b>		<b>16</b>
Second Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
CSCI 2125	3	CSCI 2467	3
CSCI 3301	3	MATH 2124	4
MATH 2114	4	ENGL 2152	3
Elective Science/lab	4	Elective Science/lab	4
<b>Total Hours</b>	<b>14</b>		<b>14</b>
Third Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
CSCI 3102	3	CSCI 3080	1
CSCI 4125	3	CSCI 4101	3
CSCI Elective 3000+	3	CSCI 4501	3
Elective MATH/CSCI 3000+	3	CSCI Elective 3000+	3
Elective FORL	3	Elective FORL	3
		Elective Social Science	3
<b>Total Hours</b>	<b>15</b>		<b>16</b>
Fourth Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
CSCI 3090	1	CSCI 5311*	3
CSCI 4000	0	Elective Science	3
CSCI 5401*	3	Elective Humanities/Social Science	3
CSCI 5130**	3	Elective Social Science	3
Elective Science	3	CSC 5621*	3
Elective ENGL Literature	3		
Elective ARTS	3		
<b>Total Hours</b>	<b>16</b>		<b>15</b>
<b>Total BS Degree Hours</b>			<b>120</b>
Fifth Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
CSCI 5460, 5622, or 5623**	3	CSCI 6620, 6621, 6623, 6624, 6625, 6626, 6627, 6629, or 6663 (any 2 courses)***	6
CSCI 6620, 6621, 6623, 6624, 6625, 6626, 6627, 6629, or 6663 (any 3 courses)***	9	CSCI 6350, 6361, 6450, or 6452****	3
		CSCI 6250, 6633, 6634, 6635, or 6650****	3
<b>Total Hours</b>	<b>12</b>		<b>12</b>
<b>Total MS Degree Hours</b>			<b>30</b>
<b>Total Hours</b>			<b>144</b>

Highlighted courses apply to both undergraduate and graduate degrees.



+ PREREQUISITE courses (5000 level):

- CSCI 5311 Computer Networking & Telecommunications
- CSCI 5401 Principles of Operating Systems
- CSCI 5621 Introduction to Cybersecurity

\*\* SUPPORTING courses (5000 level):

- CSCI 5130 Introduction to Cryptography
- CSCI 5460 Network Operation and Defense
- CSCI 5622 Reverse Engineering & Malware Analysis
- CSCI 5623 Digital Forensics

\*\*\* CORE security course (6000 level):

- CSCI 6620 Special Topics in Cybersecurity
- CSCI 6621 Advanced Network Security & Operations
- CSCI 6623 Advanced Digital Forensics & Incident Response
- CSCI 6624 Web Security
- CSCI 6625 Penetration Testing and Vulnerability Assessment
- CSCI 6626 Advanced Cryptography
- CSCI 6627 Industrial Control Systems Security
- CSCI 6629 Programming Language Security
- CSCI 6663 Software Security

\*\*\*\* BREADTH option (6000 level):

- *Systems*
  - CSCI 6350: Development of Distributed Software
  - CSCI 6361 Topics in Mobile Computing
  - CSCI 6450 Principles of Distributed Systems
  - CSCI 6452 Cloud Computing
- *Algorithms*
  - CSCI 6250 Big Data Analytics and Systems
  - CSCI 6633 Computer Vision
  - CSCI 6634 Data Visualization
  - CSCI 6635 Theory & Applications for Pattern Recognition
  - CSCI 6650 Intelligent Agents and Multi-Agent Systems