

**2011****Computer Science – Information Assurance Emphasis**

Student: \_\_\_\_\_ ID: \_\_\_\_\_ Adviser: \_\_\_\_\_

Anticipated Graduation Session: \_\_\_\_\_

<b>Computer Science Core Courses (38 hrs.)</b>		{Prerequisites/corequisites shown in braces}	
<b>CSCI 190</b>	3 hrs. Computer Science I		_____
<b>CSCI 191</b>	3 hrs. Computer Science II	{190}	_____
<b>CSCI 192</b>	3 hrs. Introductory Java Programming		_____
<b>CSCI 193</b>	1 hr. Introduction to Unix	{190}	_____
<b>CSCI 240</b>	3 hrs. Computer Software Design I	{190 + 192}	_____
<b>CSCI 241</b>	3 hrs. Computer Software Design II	{193 + 240}	_____
<b>CSCI 270</b>	3 hrs. Web Page Development	{competency}	_____
<b>CSCI 325</b>	3 hrs. Operating Systems	{240+coreq:193}	_____
<b>CSCI 345</b>	3 hrs. Data Communications	{191 + 192}	_____
<b>CSCI 355</b>	3 hrs. Computer Organization	{240}	_____
<b>CSCI 360</b>	3 hrs. Data Structures	{241}	_____
<b>CSCI 480</b>	4 hrs. Software Engineering	{360}	_____
<b>CSCI 490</b>	3 hrs. Database Management Systems	{241}	_____

<b>Information Assurance Emphasis (24 hrs.)</b>			
<b>Computer Science:</b>	<b>CSCI 445</b>	3 hrs.	Computer Networking _____
	One of: CSCI 285, 300, 330, 374,		_____
	460, 470, 475, 497 (3 hrs), 498 (3 hrs)	CSCI _____	_____
<b>Technology Management:</b>	<b>TECH 410</b>	3 hrs.	Information Security Fund. _____
	<b>TECH 412</b>	3 hrs.	Managing Business Networks _____
	<b>TECH 414</b>	3 hrs.	Secure eCommerce _____
	<b>TECH 416</b>	3 hrs.	Computer & Network Forensics _____
	<b>TECH 420</b>	3 hrs.	Information Assurance Capstone _____
<b>Math:</b>	<b>MATH 302</b>	3 hrs.	Mathematical Intro to Cryptology _____

<b>Computer Science Area Competencies (6 hrs.)</b>			
<b>Philosophy:</b>	<b>PHIL 224</b>	3 hrs.	Ethics and Technology _____
<b>Writing:</b>	<b>ENGL 272</b>	3 hrs.	Intro to Technical Communication _____

<b>Major Competencies (6-8 hrs.)</b>			
<b>Math:</b>	<b>MATH 132</b>	3 hrs.	Applied Mathematical Analysis _____
	<b>MATH 133</b>	3 hrs.	Applied Calculus _____
<b>OR</b>			
	<b>MATH 141</b>	4 hrs.	Calculus I _____
	<b>MATH 142</b>	4 hrs.	Calculus II _____