

**2011****Computer Science – Business Emphasis**

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

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

**Computer Science Core Courses (38 hrs.)**

{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}	_____	_____

**Business Emphasis (21 hrs.)**

<b>Computer Science:</b>	<b>CSCI 330</b>	3 hrs.	Applied Operations Research	_____	_____
	One of: CSCI 285, 300, 374, 445, 460, 470, 475, 497 (3 hrs), 498 (3 hrs), or TECH 410			CSCI/TECH _____	_____
<b>Economics:</b>	<b>ECON 200</b>	3 hrs.	Principles of Macroeconomics	_____	_____
	<b>ECON 201</b>	3 hrs.	Principles of Microeconomics	_____	_____
<b>Accounting:</b>	<b>ACCT 220</b>	3 hrs.	Principles of Accounting I	_____	_____
	<b>ACCT 221</b>	3 hrs.	Principles of Accounting II	_____	_____
<b>Bus. Admin:</b>	<b>BUAD 220</b>	3 hrs.	Principles of Management	_____	_____

**Computer Science Area Competencies (6 hrs.)**

<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	_____	_____

**Major Competencies (6-8 hrs.)**

<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	_____	_____