

# College of Engineering & Information Sciences

## 2011 - Computer Information Systems (CIS) Program / Security Track

*This is the STANDARD PLAN OF STUDY. Following this plan will make it possible for a student to graduate in the shortest possible timeframe. While advice from a Student Success Coach is strongly encouraged, it is ultimately the student's responsibility to observe all prerequisites and to ensure that all graduation requirements are met. All changes to this plan must be authorized by the Associate Dean of the College of Engineering & Information Sciences.*

		Student Name:		DSI#:
Completed	<b>1<sup>st</sup> Semester</b>	<b>Credit</b>	<b>Title</b>	<b>Prerequisite</b>
	BUSN 115	3	Introduction to Business & Technology	
	COMP 100	2	Computer Applications for Business w/Lab	
	ENGL 108	3	English Composition	
	CIS 115	3	Logic and Design	
	COLL 148 (Institute Credit)	3	Critical Thinking & Problem Solving	
		<b>14</b>		
<b>2<sup>nd</sup> Semester</b>				
	CIS 170B	4	Programming with Lab	CIS115 & COMP100
	CIS 206	4	Architecture and Operating Systems with Lab	COMP100
	MATH 114	4	Algebra for the College Student	
	SPCH 275	3	Public Speaking	ENGL108
		<b>15</b>		
<b>3<sup>rd</sup> Semester</b>				
	MATH 221	4	Statistics for Decision Making	MATH114
	CIS 246	4	Connectivity with Lab	CIS206
	CIS 247A	4	Object Oriented Programming with Lab	CIS170B
	ENGL 135	4	Advanced Composition	ENGL108
		<b>16</b>		
<b>4<sup>th</sup> Semester</b>				
	CIS 321 (CIS 266)	3	Structured Analysis and Design	CIS170B
	CIS 363A (CIS 281)	4	Web Interface Design with Lab	CIS247A
	Humanities Elective 1	3	HUMN410, HUMN412, HUMN417, HUMN445, or HUMN448	ENGL135
	Natural Science Elective	3	BIOS105, BIOS120, BIOS135, BIOS195, PHYS204, SCI200, or SCI224	See catalog for specific prerequisites.
	Social Science Elective 1	3	Choose PSYC110, SOCS185, or SOCS190	
		<b>16</b>		

5 <sup>th</sup> Semester				
	ACCT 301	4	Essentials of Accounting	MATH114
	CIS 336 (CIS 236)	4	Introduction to Database with Lab	CIS321
	SEC 280	3	Principles of Information Systems Security	CIS246 OR COMP129
	Social Science Elective 2	3	ECON312, LAWS310, or POLI330	
	Humanities Elective 2	3	HUMN303, HUMN420, HUMN422, HUMN424, HUMN427, HUMN428, or HUMN450	ENGL135
		<b>17</b>		
Completed	6 <sup>th</sup> Semester	Credit	Title	Prerequisite
	CIS 407A	4	Web Applications Development with Lab	CIS336 & CIS363A
	CIS 339 (CIS 340)	3	Object Oriented Analysis and Design	CIS247A & CIS321
	SEC 360	4	Data Privacy and Security	CIS336 & SEC280
	Communication Skills Elective 2	4	Applied Writing - Choose ENGL216 or ENGL227	ENGL108
	General Education Elective 1	3	Choose any 300 or 400 Humanities or Social Science Course not previously taken	
		<b>18</b>		
7 <sup>th</sup> Semester				
	CIS 355A	4	Business Application Programming with Lab	CIS336 & CIS247A
	MGMT 404	4	Project Management	BUSN115 & Senior Standing*
	SEC 370	4	Web Security	CIS407A & SEC280
	Social Science Elective 3	3	PSYC305, PSYC315, SOCS315, or SOCS410	See catalog for specific prerequisites.
	CARD405 (Institute Credit)	2	Career Development Strategies	Senior Standing*
		<b>17</b>		
8 <sup>th</sup> Semester				
	CIS 474	1	Computer Information Systems Senior Project I	MGMT404, CIS407A & ENGL227
	CIS 477	2	Computer Information Systems Senior Project II	CIS 474
	HUMN 432	3	Technology, Society, & Culture	ENGL135 & Senior Standing*
	SEC 340	4	Business Continuity	CIS336 & SEC280
	SEC 440	4	Information Systems Security Planning & Audit	CIS355A & SEC280
	General Education Elective 2	3	Choose any 300 or 400 Humanities or Social Science Course not previously taken	
		<b>17</b>		
		<b>130</b>	<b>Bachelors Degree Completion (Includes 5 Institutional Credits - COLL148 and CARD405)</b>	
<b>*Senior Standing = completion of 89 earned credit hours.</b>				<b>Last Updated: 20110329</b>

**Course Rotation Schedule for the CIS Day Courses**

	<b>2011</b>	<b>2012 Academic Year</b>					
	<b>NOV</b>	<b>JAN</b>	<b>MAR</b>	<b>MAY</b>	<b>JULY</b>	<b>SEPT</b>	<b>NOV</b>
CIS339 (6th)				X			
CIS355 (7th)			X				X
CIS407A (6th)		X			X		
WEB320 (7th)		X					
WEB375 (6th)						X	
WEB460 (8th)				X			
WBG340 (6th)		X					
WBG370 (7th)				X			
WBG410 (8th)					X		
WBG450 (8th)						X	

**Course Rotation Schedule for the CIS Evening Courses**

	<b>2011</b>	<b>2012 Academic Year</b>					
	<b>NOV</b>	<b>JAN</b>	<b>MAR</b>	<b>MAY</b>	<b>JULY</b>	<b>SEPT</b>	<b>NOV</b>
CIS339 (6th)		X				X	
CIS355 (7th)		X				X	
CIS407A (6th)			X			X	
CCSI330 (5th)						X	
CCSI360 (6th)	X						X
CCSI410 (7th)				X			
CCSI460 (8th)					X		
DBM405A (6th)	X			X			X
DBM438 (7th)			X			X	
DBM449 (8th)	X			X			X
SEC340 (8th)	X				X		
SEC360 (8th)		X			X		
SEC370 (8th)			X				X
SEC440 (8th)				X			

Plan Revision Date: 20111007