

**Computer Information Systems Department**  
**Business Administration Major - Computer Information Systems Program**  
**Curriculum Year: 2016-2017**

*-Your department has developed this roadmap/educational plan, taking into account prerequisites and schedule restrictions.  
 -You should pay attention to these concerns when deviating from this plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	STA 120 Major Support/GE Area B4	4	MAT 125 Major Support	4	CIS 231 Major Core	4	<i>Personal Computer Proficiency must be demonstrated with CIS 101, Personal Computer Proficiency Test in Word, Excel, Access, and PowerPoint, or an approved college course. If the test is passed, then unrestricted electives are increased by 4 units.</i>  <i>The number of unrestricted elective units depends on whether or not STA 120 or MAT 125, and EC 201 or EC 202 are used for General Education. If STA 120 or MAT 125 is used for General Education, unrestricted electives will be increased by four units. If EC 201 or EC 202 is used for General Education, unrestricted electives will be increased by four units.</i>
	General Education Any approved course in area A2	4	General Education Any approved course from area B1 or B2 and B3	4	ACC 207/207A Major Core	4/1	
	CIS 101 or Unrestricted Elective Major Support	4	General Education Any approved course in area A1	4	EC 201 Major Support	4	
			General Education Any approved course in area A3	4	General Education Any approved course from area B1 or B2 and B3	4	
	<i>Only 12 units recommended in first quarter</i>						
<b>Total Units</b>	<b>12</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>		
					<b>Total Units for Year</b>	<b>45</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	CIS 234 Major Core	4	MHR 301 Major Core	4	ACC 208/208A Major Core	4/1	<i>The following courses must be completed with a grade of C (2.0) or better before taking CIS 231 and CIS 234: STA 120, and ENG 103, ENG 104, ENG 107, ENG 109, or ENG 110 (IGE 120, IGE 121, and IGE 122), and Personal Computer Proficiency.</i>
	CIS 310 Major Core	4	CIS 304 Major Core	4	CIS 305 Major Core	4	
	General Education Any approved course in area D1	4	CIS 307 Major Core	4	General Education Any approved course from area C1	4	
	General Education Any approved course from area C2	4	EC 202 Major Support/GE Area D2	4	General Education Any approved course in area E	4	
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>		
					<b>Total Units for Year</b>	<b>49</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>IBM 301</b> Major Core	4	<b>FRL 201</b> Major Core	4	<b>FRL 300</b> Major Core	3	The Computer Information Systems (CIS) Department has established two career emphases in the major: Applications Development and Information Assurance. Every CIS major must select one of these career emphases and take four emphasis elective courses in order to graduate with a major in CIS. Consultation on emphasis selection is available through the CIS career emphasis coordinator.	
	<b>TOM 301</b> Major Core	4	<b>TOM 302</b> Major Core	4	<b>Career Emphasis</b> Major Core	4		
	<b>CIS 311</b> Major Core	4	<b>CIS 315</b> Major Core	4	<b>Career Emphasis</b> Major Core	4		
	<b>General Education</b> Any approved course in area D3	4	<b>General Education</b> Any approved course in area C3	4	<b>General Education</b> Any approved course in area D1	4		
	<i>Take the Graduation Writing Test</i>							
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>15</b>		
					<b>Total Units for Year</b>	<b>47</b>		

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>FRL 301</b> Major Core	3	<b>MHR 318</b> Major Core	4	<b>BUS 495</b> Major Core	4	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.	
	<b>Career Emphasis</b> Major Core	4	<b>Career Emphasis</b> Major Core	4	<b>CIS 466</b> Major Core	4		
	<b>GE Synthesis</b> Any approved course in area B5, C4, or D4	4	<b>GE Synthesis</b> Any approved course in area B5, C4, or D4	4	<b>GE Synthesis</b> Any approved course in area B5, C4, or D4	4		
	<b>Unrestricted Elective</b> Major Support	4						
								<i>File an application to graduate</i>
	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>12</b>	<b>Total Units</b>	<b>12</b>		
						<b>Total Units for Year</b>		<b>39</b>

<b>Total Units on Plan</b>	<b>180</b>
<b>Major Core Units</b>	<b>96</b>
<b>Major Support Units</b>	<b>16</b>
<b>General Education Units</b>	<b>68</b>