



# Monte Ahuja College of Business

## **Bachelor of Science Degree: Computer Information Science** **Three Year Graduation Plan: Summer Course Track**

Students who complete CSU summer course work can complete the Monte Ahuja College of Business BS Degree with a major of **Computer Information Science** within three years at Cleveland State University. Please follow the below curriculum road map regarding course selections.

*All Computer and Information Science courses must be passed with a grade of C or better.*

<b>First Year at CSU</b>					
<b>First Semester</b>		<b>Credits</b>	<b>Second Semester</b>		<b>Credits</b>
BUS 101 Introduction to University Life		1	ENG 102 English II		3
ENG 101 English I		3	CIS 260 Introduction to Programming		4
Social Science Non-U.S. Society elective		3	Social Science elective		3
CIS 151 Invitation to Computing		3	MTH 182 Calculus II		4
MTH 181 Calculus I		4			
<b>Total Credits</b>		<b>14</b>	<b>Total Credits</b>		<b>14</b>
<b>Summer One Term:</b>			<b>Summer Two Term:</b>		
Arts and Humanities elective		3	African-American Experience elective		3
Arts and Humanities Non-U.S. Society elective		3	U.S. Diversity elective		3
			Free elective		3
<b>Total Credits</b>		<b>6</b>	<b>Total Credits</b>		<b>9</b>
<b>Second Year at CSU</b>					
<b>Third Semester</b>			<b>Fourth Semester</b>		
PHY 243 University Physics I (W)		5	PHY 244 University Physics II (W)		5
CIS 265 Data Structures		4	CIS 335 Language Processors		3
MTH 220 Intro to Discrete Mathematics		3	CIS 340 Systems Programming		3
Free elective (WAC if needed )		3	CIS Major Elective		3
<b>Total Credits</b>		<b>15</b>	<b>Total Credits</b>		<b>14</b>
<b>Summer One Term:</b>			<b>Summer Two Term:</b>		
MTH 288 Linear Algebra		3	MTH 323: Statistical Methods		3
CIS Core Choice Elective		3	CIS Major Elective		3
CIS Core Choice Elective		3	CIS Major Elective		3
<b>Total Credits</b>		<b>9</b>	<b>Total Credits</b>		<b>9</b>
<b>Third Year at CSU</b>					
<b>Fifth Semester</b>			<b>Sixth Semester</b>		
CIS 345 Operating Systems		3	CIS Major Elective		3
CIS 390 Introduction to Algorithms		3	CIS Core Choice Elective		3
CIS Major Elective		3	CIS 485 Senior Project		3
CIS Core Choice Elective		3	GAD 250 Business Communications (W) <b>OR</b>		
Math or Science course at 300/400 level		3	IST 420 Project Management for IS		3
			Internship/Independent Study/Free elective		3
<b>Total Credits</b>		<b>15</b>	<b>Total Credits</b>		<b>15</b>

**Current curriculum requirements as of August 2014**

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