

**Computer Science, B.S. (120 Units)**

Valid for Catalog Years: 2015/2016 to Present

\*Official planning guide approved by the College of Science & Math

For assistance or to schedule an advising appointment, please contact the **CSM Advising and Resources Center** at 559-278-4150, Science I 136  
**Department of Computer Science:** 559-278-4373, Science II C255

Units	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	<b>14</b>	<b>15</b>	<b>15-16</b>	<b>18-20</b>	<b>13-18</b>	<b>15</b>	<b>15</b>	<b>15-17</b>
General Education	<b>A1 (3 Units)</b> Oral Communication *Must pass with a C or better	<b>A2 (3 Units)</b> Written Communication *Must pass with a C or better	<b>C1 (3-4 Units)</b> Arts	<b>B2 (3-4 Units)</b> Life Sciences	<b>C2 (3-4 Units)</b> Humanities	<b>D1 (3 Units)</b> American History	<b>D3 (3 Units)</b> Social Science	<b>IC (3-4 Units)</b> Arts & Humanities
	<b>A3 (3 Units)</b> Critical Thinking *Must pass with a C or better; CSCI 1 recommended			<b>C1/C2 (3-4 Units)</b> Arts or Humanities		<b>D2 (3 Units)</b> American Government	<b>E1 (3 Units)</b> Lifelong Understanding & Self Development	<b>ID (3-4 Units)</b> Social, Political, & Economic Institutions
							<b>IB (3 Units)</b> Physical Universe & Its Life Forms	<b>MI (3 Units)</b> Multicultural/International
Major	<b>GE Area B4 MATH 75 (4 Units)</b> Quantitative Reasoning [Pre-Req: Elementary geometry, intermediate algebra, & trigonometry OR precalculus. Passing score on department's Calculus Readiness Test; ELM]	<b>CSCI 41 (4 Units)</b> [Pre-Req: CSCI 40]	<b>GE Area B1 &amp; B3 PHYS 2A or PHYS 4A &amp; 4AL (4 Units)</b> Physical Sciences & Lab *See course catalog for prerequisite requirements	<b>CSCI 112 (4 Units)</b> [Pre-Req: CSCI 41, 60]	<b>CSCI 113 (4 Units)</b> [Pre-Req: CSCI 41]	<b>CSCI Elective (3 Units)</b> *See course catalog for details	<b>CSCI Elective (3 Units)</b> *See course catalog for details	<b>CSCI 198 (3 Units)</b> [Senior standing or instructor permission and approved subject] or <b>Additional course in one of the approved sequences (3 Units)</b> *See course catalog for details
	<b>CSCI 40 (4 Units)</b> [Pre-Req: ELM or College Intermediate Algebra (C or better); trigonometry]	<b>CSCI 60 (4 Units)</b> [Pre-Req: CSCI 40 (may be taken concurrently)]	<b>CSCI 117 (4 Units)</b> [Pre-Req: CSCI 41, 60]	<b>CSCI 115 (4 Units)</b> [Pre-Req: CSCI 41, 60; MATH 75]	<b>CSCI 144 (3 Units)</b> [Pre-Req: CSCI 41; CSCI 112 or ECE 118]	<b>CSCI Elective (3 Units)</b> *See course catalog for details	<b>CSCI Elective (3 Units)</b> *See course catalog for details	<b>CSCI Elective (3 Units)</b> *See course catalog for details

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	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>Units</b>	<b>14</b>	<b>15</b>	<b>15-16</b>	<b>18-20</b>	<b>13-18</b>	<b>15</b>	<b>15</b>	<b>15-17</b>
<b>Major</b>		<b>MATH 76 (4 Units)</b> [Pre-Req: MATH 75 or MATH 75A & B]	<b>CSCI 119 (4 Units)</b> [Pre-Req: CSCI 41, 60]	<b>PHYS 2B or PHYS 4B &amp; 4BL (4 Units)</b> *See course catalog for prerequisite requirements	<b>CSCI Elective (3 Units)</b> *See course catalog for details	<b>CSCI Elective (3 Units)</b> *See course catalog for details		
<b>Electives</b>					<b>UDWS (0-4 Units)</b> *Upper Division Writing Exam OR "W" Course (must pass with a C or better)			

**FOOTNOTES:**

**Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

**Grade Requirements:** All courses taken to fulfill major course requirements must be taken for a letter grade. All courses required as prerequisites for a course must be completed with a grade of C or better before registration will be permitted.

**Upper Division Writing Skills requirement (UDWS):** All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."