

Computer Science, B.S. (120 Units)
Valid for Catalog Years: 2018/2019 to 2020/2021
*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

	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Units	14	15	15-16	18-20	13-18	15	15	15-17
Milestones								
General Education	A1 (3 Units) Oral Communication *Must pass with a C or better	A2 (3 Units) Written Communication *Must pass with a C or better	C1 (3-4 Units) Arts	B2 (3-4 Units) Life Sciences	C2 (3-4 Units) Humanities	D1 (3 Units) American History	D3 (3 Units) Social Science	IC (3-4 Units) Arts & Humanities
	A3 (3 Units) Critical Thinking *Must pass with a C or better; CSCI 1 recommended			C1/C2 (3-4 Units) Arts or Humanities		D2 (3 Units) American Government	E1 (3 Units) Lifelong Understanding & Self Development	ID (3-4 Units) Social, Political, & Economic Institutions
							IB (3 Units) Physical Universe & Its Life Forms *See footnote	
Major	GE Area B4 MATH 75 (4 Units) Quantitative Reasoning [Prerequisites: Mathematics placement category I or II, and calculus placement according to department standards.]	CSCI 41 (4 Units) [Pre-Req: CSCI 40]	GE Area B1 & B3 PHYS 2A or PHYS 4A & 4AL (4 Units) Physical Sciences & Lab *See course catalog for prerequisite requirements	CSCI 112 (4 Units) [Pre-Req: CSCI 41, 60]	CSCI 113 (4 Units) [Pre-Req: CSCI 112]	CSCI Elective (3 Units) *See course catalog for details	CSCI Elective (3 Units) *See course catalog for details	CSCI 198 (3 Units) [Senior standing or instructor permission and approved subject] or Additional course in one of the approved sequences (3 Units) *See course catalog for details

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Units	14	15	15-16	18-20	13-18	15	15	15-17
Major	CSCI 40 (4 Units) [Co-requisite: Math 75]	CSCI 60 (4 Units) [Pre-Req: CSCI 40 (may be taken concurrently)]	CSCI 117 (4 Units) [Pre-Req: CSCI 41, 60]	CSCI 115 (4 Units) [Pre-Req: CSCI 41, 60; MATH 75]	CSCI 144 (3 Units) [Pre-Req: CSCI 41; CSCI 112 or ECE 118]	CSCI Elective (3 Units) *See course catalog for details	CSCI Elective (3 Units) *See course catalog for details	CSCI Elective (3 Units) *See course catalog for details
			MATH 76 (4 Units) [Pre-Req: MATH 75 or MATH 75A & B]	CSCI 119 (4 Units) [Pre-Req: CSCI 41, 60]	PHYS 2B or PHYS 4B & 4BL (4 Units) *See course catalog for prerequisite requirements	CSCI Elective (3 Units) *See course catalog for details	CSCI Elective (3 Units) *See course catalog for details	
Additional Graduation Requirements					UDWS (0-4 Units) *Upper Division Writing Exam OR "W" Course (must pass with a C or better)			MI (3 Units) Multicultural/ International

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."

GE Area IB : Students allowed take upper-division GE in home department. Recommended students take CSci 100 (3 Units) to fulfill GE Area IB

Substitutions: If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.