

# Computer Science Roadmap

<b>Program</b>	<b>Bachelor of Science: Computer Science</b>
<b>Total Credits</b>	120
<b>Catalog</b>	2023-2024

*The plan below is **one** of several possible ways for you to complete this degree.*

*Your individualized plan may look different if you have already fulfilled some requirements.*

*Your Financial Aid Award may require additional term credits for full-time funding.*

*You must complete all university and program requirements successfully to complete this degree (GPA, 120 credits, LASC, WI, residency)*

Curriculum	Course	Course Title	Credits	Take When	Total Credits
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120.00

<b>1st Year</b>					
Core Requirement:		CSIS 152	Intro to Computers and Programming I-a	3.00	1st Fall
Core Requirement:	LASC 4	MATH 261/229	Calculus or Topics in Calculus	3.00	1st Fall
	First -Year Experience Course	FYE 101	First Year Experience	1.00	1st Fall
	LASC 1A, 1B or 2			3.00	1st Fall
	LASC 1A, 1B or 2			3.00	1st Fall
Core Requirement:		CSIS 153	Intro to Computers and Programming I-b	3.00	1st Spring
Related Requirement:	LASC 4	MATH 210	Concepts from Discrete Mathematics	3.00	1st Spring
	LASC 1A, 1B or 2			3.00	1st Spring
	LASC			3.00	1st Spring
Writing Intensive:	200-level or higher			3.00	1st Spring

<b>2nd Year</b>					
Core Requirement:		CSIS 252	Intro to Computers and Programming II	3.00	2nd Fall
Core Requirement:		CSIS 316	Ethics in the Information Age	3.00	2nd Fall
Core Requirement:		CSIS 304	Databases	3.00	2nd Fall
	LASC 3		CHEM 150/PHYS 160/PHYS 200	4.00	2nd Fall
	LASC			3.00	2nd Fall
Core Requirement:		CSIS 349/349L	Networks and Data Communications w/Lab	4.00	2nd Spring
Core Requirement:		CSIS 352	Advanced Concepts in Programming	3.00	2nd Spring
Related Requirement:		MATH 234/335	Intro or Intermediate Probability and Statistics	3.00	2nd Spring
	LASC			3.00	2nd Spring
	LASC/WI			3.00	2nd Spring

<b>3rd Year</b>					
Core Requirement:		CSIS 320	Architecture	4.00	3rd Fall
CSIS Elective:		CSIS ***	CSIS Elective	3.00	3rd Fall
CSIS Elective:		CSIS ***	CSIS Elective	3.00	3rd Fall
Writing Intensive:	200-level or higher			3.00	3rd Fall
	LASC			3.00	3rd Fall
Core Requirement:		CSIS 430	Operating Systems	4.00	3rd Spring
Core Requirement:		CSIS 450	Programming Languages	3.00	3rd Spring
Core Requirement:		CSIS 340	Software Engineering	3.00	3rd Spring
Core Requirement:		CSIS 446	Intelligent and Predictive Systems	3.00	3rd Spring
CSIS Elective:		CSIS ***	CSIS Elective	3.00	3rd Spring

<b>4th Year</b>					
Core Requirement:		CSIS 455	Compilers	3.00	4th Fall
Related Requirement:	WI for major	ENGL 387/PMGT 385	Tech Report Writing/Process Leadership	3.00	4th Fall
General Elective/Minor Course:				3.00	4th Fall
General Elective/Minor Course:				3.00	4th Fall
	LASC			3.00	4th Fall
Core Requirement:		CSIS 492	Senior Seminar	1.00	4th Spring
CSIS Elective:		CSIS ***	CSIS Elective	3.00	4th Spring
	LASC			3.00	4th Spring
General Elective/Minor Course:				3.00	4th Spring
General Elective/Minor Course:				3.00	4th Spring