

BS Computer Science Online

Roadmap

Fall 2026 Start, Full-Time

YEAR ONE

**FAL
26**

Session 1 (8 weeks)

- COMP 232 Programming Languages (core) 3 units
- MATH 352 Probability & Stats (core) 3 units

Session 2 (8 weeks)

- COMP 262 Computer Organization & Architecture (core) 3 units
- COMP 424 Computer System Security (elective) 3 units

**SPR
27**

Session 1 (8 weeks)

- COMP 350 Software Engineering (core) 3 units
- MATH 354 Analysis of Algorithms (core) 3 units

Session 2 (8 weeks)

- COMP 454 Automata, Languages, & Computation (core) 3 units
- MATH 240 Linear Algebra (core) 3 units

SUM 27

NOTE: Summer session is 12 weeks long. Electives taken as needed.

- COMP 362 Operating Systems (core) 4 units
- UDGE 3 Arts and Humanities (UDGE) 3 units

YEAR TWO

**FAL
27**

Session 1 (8 weeks)

- COMP 447 Societal Issues in Computing (core; UDGE 4) 3 units
- COMP 345 Digital Image Processing (core; UDGE 2/5) 3 units
- COMP 497 Directed Study (core) 1 unit

Session 2 (8 weeks)

- COMP or Free (elective) 3 units
*Optional or take in summer
- COMP (elective) 3 units (EX: COMP 469, 478, 490, 497)

**SPR
28**

Session 1 (8 weeks)

- COMP 491 Capstone Prep (core) 1 unit
- COMP (elective) 3 units
- COMP (elective) 3 units

Session 2 (8 weeks)

- COMP 499 Capstone (core) 3 units
- COMP (elective) 3 units (EX: COMP 469, 478, 490, 497)
- TBD (elective) 3 units *Optional

SUM 28

NOTE: Summer session is 12 weeks long. Electives taken as needed.

- TBD (free elective if needed) 3 units
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NOTE: The language requirement area and American Institutions area are requirements that must be completed for graduation. If not already completed you will need to complete these requirements at the community college of your choice. Please review your CI Degree Progress Report (DPP), through myCI and selecting CI Records, to evaluate what requirements have been met, are in progress, or missing, or contact your program advisor.

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- NOTE: Academic roadmaps provide a recommended full-time pathway for completing your degree. While they are designed to support timely degree completion, they are not the only way to complete your program. Students who wish to follow a different schedule should meet with their program director or academic advisor to develop a customized degree completion plan.

Contacts

Program Chair, Dr. Jason Isaacs - jason.isaacs@csuci.edu

Program Director, Dr. Brian Thoms - brian.thoms@csuci.edu

Extended University Specialist, Jasmine Moreno - jasmine.moreno@csuci.edu

Student Finance Specialist, Crista Fisher - crista.fisher@csuci.edu

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Lower Division GE Advising - ext.ge@csuci.edu

Resources

EU Current Students Page & Resources

<https://ext.csuci.edu/current-students/index.htm>

EU New Student Orientation Course

<https://cilearn.csuci.edu/courses/1954>

GPA Calculator

<https://ciapps.csuci.edu/gpacalculator/>

Degree Progress Report (DPP)

<https://www.csuci.edu/registrar/carr.htm>

Financial Aid

<https://ext.csuci.edu/admissions/financial-aid.htm>



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ext@csuci.edu



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