

BS Computer Science Online

Roadmap

Spring 2027, Full-Time

YEAR ONE

SPRING 27

Session 1 (8 weeks)

- COMP 232 Programming Languages (core) 3 units
- MATH 354 Analysis of Algorithms (core) 3 units

Session 2 (8 weeks)

- COMP 262 Computer Organization & Architecture (core) 3 units
- MATH 240 Linear Algebra (core) 3 units

SUMMER 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

FALL 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

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)

YEAR TWO

SPRING 28

Session 1 (8 weeks)

- COMP (elective) 3 units
- COMP 350 Software Engineering (core) 3 units

Session 2 (8 weeks)

- COMP 454 Automata, Languages, & Computation (core) 3 units
- COMP (elective) 3 units

SUMMER 28

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

- TBD (free elective if needed) 3 units
- TBD (free elective if needed) 3 units

FALL 28

Session 1 (8 weeks)

- COMP 491 Capstone Prep (core) 1 unit
- MATH 352 Probability & Stats (core) 3 units
- COMP 497 Directed Study (core) 1 unit
- COMP (elective, if needed) 3 units

Session 2 (8 weeks)

- COMP 424 Computer System Security (elective) 3 units
- COMP 499 Capstone (core) 3 units

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 Academic Requirements Report (CARR), 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

Financial Aid Counselor, Joanna Rivas - joanna.rivas@csuci.edu

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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