UCR Is Attainable and Affordable
Your dream of a UC degree in computer science is just steps away!

Major Prep Courses Needed to Transfer to UCR
Complete these major prep courses at Riverside City College — in addition to the minimum grade point average and UC transfer requirements — to be admitted to UCR’s Marlan and Rosemary Bourns College of Engineering (BCOE):

**Complete all courses:**
- MAT-1A Calculus I (4.00)
- MAT-1B Calculus II (4.00)
- MAT-1C Calculus III (4.00)

**AND**
- PHY-4A Mechanics (4.00)
- PHY-4B Electricity and Magnetism (4.00)
- PHY-4C Heat, Light and Waves (4.00)

**And one (1) course from:**
- CIS-5 Programming Concepts and Methodology I: C++ (4.00) – same as CSC-5
- CIS-17A Programming Concepts and Methodology II: C++ (3.00) – same as CSC-17A
- CIS-17B C++ Programming: Advanced Objects (3.00) – same as CSC-17B

**And one (1) course from:**
- CIS-17C C++ Programming: Data Structures (3.00) – same as CSC-17C
- CIS-18A JAVA Programming: Objects (3.00) – same as CSC-18A
- CIS-18B Java Programming: Advanced Objects (3.00) – same as CSC-18B

**HIGHLY RECOMMENDED**
- MAT-2 Differential Equations (4.00)
- MAT-3 Linear Algebra (3.00)
- CIS-7 Discrete Mathematics for Computer Science (3.00) – same as CSC-6

**OR**
- CIS-11 Computer Architecture and Organization: Assembly (3.00) – same as CSC-11

**OR**
- CIS-17C C++ Programming: Data Structures (3.00) – same as CSC-17C

**AND**
- CIS-18A JAVA Programming: Objects (3.00) – same as CSC-18A

Course descriptions: [rcc.edu](http://rcc.edu)

You Can Afford UCR
- 86% of all undergraduate transfer students receive a form of financial aid at UCR. (2017–18)
- 67% of CA undergraduate transfer students received Pell Grants. (2016–17)
- 64% of CA undergraduate transfer students have tuition and fees covered with grants and scholarships. (2016–17)

Source: UCR Financial Aid

Let us show you how: [finaid.ucr.edu](http://finaid.ucr.edu)

I’ve used the Academic Resource Center (ARC) about every quarter I’ve been here … I’ve also used counselor resources, the libraries and office hours for professors to help with things you miss or don’t understand.

Paul Carbajal
Transfer Student, Third-Year, BCOE

Cross Enrollment (Dual Enrollment): Start Your UCR Education Before You Transfer
Take UCR classes while still attending Riverside City College. Pay only $46 per unit (classes subject to availability). [go.ucr.edu/enrollment](http://go.ucr.edu/enrollment) (Scroll down to the “Cross Registration Programs” tab.)

CONTINUED ON THE BACK
Earning Potential: BCOE Bachelor's Degree
Computer Science
Source: PayScale National College Salary Report, 2017–18
$65,900 (EARLY CAREER) $110,100 (MID-CAREER)

Get a Job at UCR
With 2,600 part-time and work-study jobs on campus, you can work year-round for competitive wages! careers.ucr.edu
Source: Career Center Annual Report 2016–17

Transition to UCR with the Transfer Success Zone
Study, take part in student success seminars and get involved with social mixers at the Transfer Success Zone, located in the Academic Resource Center (ARC). arc.ucr.edu

Breadth Requirements – You are strongly encouraged to focus on preparatory course work (mathematics, science and technical work) for your desired major rather than completing the Intersegmental General Education Transfer Curriculum (IGETC). However, BCOE does accept completion of IGETC as satisfying the majority of breadth requirements. Additional breadth coursework may be required after enrollment at BCOE.

Prerequisites – Strong technical preparation is essential for success in the admissions process and, subsequently, in all coursework at BCOE. If you intend to transfer to an engineering major, you are expected to complete the equivalent of UCR coursework required in the first two years of the programs and apply for transfer starting your junior year. Visit ASSIST.org to see the prerequisites you must take for your intended major (and to make sure your classes will transfer).

Minimum GPA – Strive to surpass the 2.8 minimum GPA.

What You Can Do with a Bachelor’s Degree in Computer Science
Depending on your undergraduate coursework/experience, you could be a(n):

Animation Specialist
Microprogrammer/Analyst
Applications Programmer
Multi-Media Specialist
Artificial Intelligence
Professor/Lecturer/Instructor
CAD/CAM
Scientific Programmer
Commercial Programmer Analyst
Software Engineer
Computational Linguist
Software Test Engineer
Computer Graphics Specialist
Systems Analyst
Computer Sales/Marketing Person
Systems Development
Data Processing Consultant
Systems Engineer
Equipment Analyst
Systems Programmer
Game Developer
Technology Analyst
Information Technology
Career planning
Management Information Systems
Computer Graphics Specialist
Marketing Support Specialist
Commercial Programmer Analyst

Microprogrammer/Analyst

Motion Graphics Specialist
Multi-Media Specialist

Scientific Programmer

Software Engineer

Software Test Engineer

Systems Analyst

Systems Development

Systems Engineer

Systems Programmer

Technology Analyst

Telecommunications Programmer

Web Designer/Developer

Webmaster

Minimum GPA – Strive to surpass the 2.8 minimum GPA.

Student Success: 6 Months After Graduation
Statistics collected from the class of 2016 in a survey that was given six months after graduation.

73% Employed
16% Post-Graduate Program
10% Seeking Employment
1% Not Seeking Employment
Source: Career Center Annual Report 2016–17

Your Future Starts Today with These Career Center Services
Get a jump-start on your career now with these career readiness services from UCR’s on-campus and virtual Career Center:

• Drop-in counseling
• Internships
• Grad school guidance
• Job search strategies
• Career planning
• How-to workshops
• Online resources
• Career fairs

Take a Tour
Schedule a student-guided walking tour or take a virtual tour of labs, studios and popular hangouts. visit.ucr.edu

Summer Sessions
Stay on track — or get ahead — to finish your degree in four years! You’ll also enjoy smaller class sizes and more interactions with faculty. Summer financial aid available. summer.ucr.edu

I’ve used the Academic Resource Center (ARC) about every quarter I’ve been here … I’ve also used counselor resources, the libraries and office hours for professors to help with things you miss or don’t understand. — Paul Carbajal
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