

COMPUTER SCIENCE

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 Mt. San Antonio 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:	
MATH 180	Calculus and Analytic Geometry (4.00)
MATH 181	Calculus and Analytic Geometry (4.00)
MATH 280	Calculus and Analytic Geometry (5.00)
AND	
PHYS 4A	Engineering Physics (5.00)
PHYS 4B	Engineering Physics (5.00)
PHYS 4C	Engineering Physics (5.00)
AND	
CISP 21	Programming in Java (3.00)
OR	
CSCI 140	C++ Language and Object Development (4.00)
And one (1) course from:	
CSCI 110	Fundamentals of Computer Science (3.50)
CSCI 140	C++ Language and Object Development (4.00)
CSCI 145	JAVA Language and Object Oriented Programming (4.00)
CISP 31/ CISP 31L	C++ Programming (3.00)/Laboratory (0.50)
CISP 34/ CISP 34L	Advanced C++ Programming (3.00)/Laboratory (0.50)
And one (1) course from:	
CSCI 190	Discrete Mathematics Applied to Computer Science (4.00)
CSCI 220	Data Structures I (3.50)
CSCI 230	Data Structures II (3.50)
CSCI 150	Assembly Language/Machine Architecture (3.50)
HIGHLY RECOMMENDED	
MATH 285	Linear Algebra and Differential Equations (5.00)
And one (1) course from:	
BIOL 1	General Biology (4.00)
BIOL 4	Biology for Majors (4.00)
Course descriptions: mtsac.edu	

Find Your UCR Transfer Counselor

We're here to help you transition successfully and finish your four-year degree. transfer.ucr.edu



Cross Enrollment (Dual Enrollment): Start Your UCR Education Before You Transfer

Take UCR classes while still attending Mt. San Antonio College. Pay only \$46 per unit (classes subject to availability). go.ucr.edu/enrollment (Scroll down to the "Cross Registration Programs" tab.)

Earning Potential: BCOE Bachelor's Degree (Computer Science)

\$65,900 (EARLY CAREER)

\$110,100 (MID-CAREER)

Source: PayScale National College Salary Report, 2017-18

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

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

Guarantee Your Admission: TAG to UCR

Enroll in the Transfer Admission Guarantee (TAG) program. Submit your UCR application and apply for your contracted major and term by:

MAY 1-31

TAG filing period for winter. *Admissions application filing period: July 1-31*

SEP 1-30

TAG filing period for fall. *Admissions application filing period: November 1-30*

Dates and deadlines: transfer.ucr.edu

How to Get into Your Major

Students who complete the following are admitted to UCR:

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.

Student Support: BCOE's Transfer Transition Program (TTP)

Faculty/peer mentoring, academic advising and connections to study groups and professional organizations. transfer.engr.ucr.edu



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



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



Take a Tour

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

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

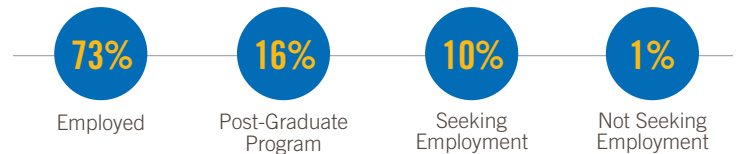
What You Can Do with a Bachelor's Degree in Computer Science

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
Games Developer	Technology Analyst
Information Technology	Telecommunications Programmer
Management Information Systems	Web Designer/Developer
Marketing Support Specialist	Webmaster

Student Success: 6 Months After Graduation

Statistics collected from the class of 2016 in a survey that was given six months after graduation.



Source: Career Center Annual Report 2016–17

High-Profile Companies Hire BCOE Graduates

BCOE graduates go on to become software engineers, spacecraft propulsion engineers, entrepreneurs and more.

