

MT. SAN JACINTO COLLEGE:  
**COMPUTER SCIENCE**

[msjc.edu](http://msjc.edu)

**PATHWAY TO UC RIVERSIDE**

[transfer.ucr.edu](http://transfer.ucr.edu)

**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 Jacinto 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):

<b>Complete all courses:</b>	
CSIS-113A	C++ Programming - Level 1 (3.00)
CSIS-123A	C++ Programming - Level 2 (3.00)
<b>AND</b>	
MATH-211	Analytic Geometry and Calculus I (5.00)
MATH-212	Analytic Geometry and Calculus II (5.00)
MATH-213	Analytic Geometry and Calculus III (5.00)
<b>AND</b>	
PHY-201	Mechanics and Wave Motion (4.00)
PHY-202	Electricity and Magnetism (4.00)
<b>And one (1) course from:</b>	
CSIS-213	Discrete Structures (3.00)
CSIS-211	Introduction to Data Structures and Algorithms (3.00)
CSIS-118B	Computer Organization & Assembly Language (3.00)
<b>And one (1) course from:</b>	
BIOL-100	Human Biology (4.00)
BIOL-150	General Biology I (5.00)
<b>AND</b>	
MATH-215	Differential Equations (4.00)
MATH-218	Linear Algebra (4.00)
<b>Course descriptions:</b> <a href="http://msjc.edu">msjc.edu</a>	

**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](http://transfer.ucr.edu)

**Find Your UCR Transfer Counselor**

We're here to help you transition successfully and finish your four-year degree. [transfer.ucr.edu](http://transfer.ucr.edu)



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

Take UCR classes while still attending Mt. San Jacinto 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.)

**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](http://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](http://careers.ucr.edu)

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

## 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](http://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](http://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](http://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](http://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](http://visit.ucr.edu)

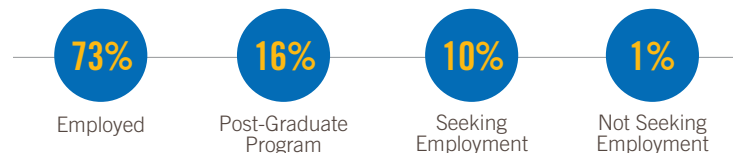
## What You Can Do with a Bachelor's Degree in Computer Science

Depending on your undergraduate coursework/experience, you could be a(n):

Animation Specialist	Network Administrator
Applications Programmer	Networking
Artificial Intelligence	Operations Research Specialist
CAD/CAM	PC Support Specialist
Commercial Programmer Analyst	Professor/Lecturer/Instructor
Computational Linguist	Quality Assurance
Computer Graphics Specialist	Scientific Programmer
Computer Sales Or Marketing Person	Software Engineer
Customer/Technical Support	Software Test Engineer
Data Base Manager	Systems Analyst
Data Processing Consultant	Systems Architect
Equipment Analyst	Systems Development
Games Developer	Systems Engineer
Hardware Research And Development	Systems Manager
Information Technology	Systems Programmer
Internet Consultant	Technical Services
Management Information Systems	Technology Analyst
Marketing Support Specialist	Telecommunications Programmer/Analyst
Microprogrammer/Analyst	Web Designer/Developer
Multi-Media 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.

