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):

<table>
<thead>
<tr>
<th>Complete all courses:</th>
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</thead>
<tbody>
<tr>
<td>MATH 180</td>
<td>Calculus and Analytic Geometry (4.00)</td>
</tr>
<tr>
<td>MATH 181</td>
<td>Calculus and Analytic Geometry (4.00)</td>
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<tr>
<td><strong>AND</strong></td>
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</tr>
<tr>
<td>PHYS 4A</td>
<td>Engineering Physics (5.00)</td>
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<tr>
<td>PHYS 4B</td>
<td>Engineering Physics (5.00)</td>
</tr>
<tr>
<td>PHYS 4C</td>
<td>Engineering Physics (5.00)</td>
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<tr>
<td><strong>AND</strong></td>
<td></td>
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<tr>
<td>CISP 21</td>
<td>Programming in Java (3.00)</td>
</tr>
<tr>
<td>OR</td>
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<tr>
<td>CSCI 140</td>
<td>C++ Language and Object Development (4.00)</td>
</tr>
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<table>
<thead>
<tr>
<th>And one (1) course from:</th>
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<tbody>
<tr>
<td>CSCI 110</td>
<td>Fundamentals of Computer Science (3.50)</td>
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<tr>
<td>CSCI 140</td>
<td>C++ Language and Object Development (4.00)</td>
</tr>
<tr>
<td>CSCI 145</td>
<td>JAVA Language and Object Oriented Programming (4.00)</td>
</tr>
<tr>
<td>CISP 3I/3IL</td>
<td></td>
</tr>
<tr>
<td>CISP 3I/3IL</td>
<td></td>
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<tr>
<td>CISP 34/34L</td>
<td>Advanced C++ Programming (3.00)/Laboratory (0.50)</td>
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<thead>
<tr>
<th>HIGHLY RECOMMENDED</th>
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<tbody>
<tr>
<td>CSCI 190</td>
<td>Discrete Mathematics Applied to Computer Science (4.00)</td>
</tr>
<tr>
<td>CSCI 220</td>
<td>Data Structures I (3.50)</td>
</tr>
<tr>
<td>CSCI 230</td>
<td>Data Structures II (3.50)</td>
</tr>
<tr>
<td>CSCI 150</td>
<td>Assembly Language/Machine Architecture (3.50)</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Calculus and Analytic Geometry (5.00)</td>
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<tr>
<td>OR</td>
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<tr>
<td>MATH 285</td>
<td>Linear Algebra and Differential Equations (5.00)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MATH 290</td>
<td></td>
</tr>
</tbody>
</table>

Course descriptions: mtsac.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
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.

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

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

High-Profile Companies Hire BCOE Graduates

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

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

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This information is accurate and reliable as of the date of publication, but may change without notice. Please contact Undergraduate Admissions for the most up-to-date information.