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 Norco College — in addition to the minimum grade point average and UC transfer requirements — to be admitted to UCR’s Marian and Rosemary Bourns College of Engineering (BCOE):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 1A</td>
<td>Calculus I (4.00)</td>
</tr>
<tr>
<td>MAT 1B</td>
<td>Calculus II (4.00)</td>
</tr>
<tr>
<td>PHY 4A</td>
<td>Mechanics (4.00)</td>
</tr>
</tbody>
</table>

And One (1) course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 5</td>
<td>Programming Concepts and Methodology I: C++ (4.00)</td>
</tr>
<tr>
<td>CIS 17A</td>
<td>Programming Concepts and Methodology II: C++ (3.00) Same-As: CSC 17A</td>
</tr>
<tr>
<td>CIS 17B</td>
<td>C++ Programming: Advanced Objects (3.00)</td>
</tr>
</tbody>
</table>

And One (1) course from:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CIS 17C</td>
<td>C++ Programming: Data Structures (3.00)</td>
</tr>
<tr>
<td>CIS 18A</td>
<td>JAVA Programming: Objects (3.00) Same-As: CSC 18A</td>
</tr>
<tr>
<td>CIS 18B</td>
<td>Java Programming: Advanced Objects (3.00)</td>
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</tbody>
</table>

And Three (3) course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 17C</td>
<td>C++ Programming: Data Structures (3.00)</td>
</tr>
<tr>
<td>AND</td>
<td></td>
</tr>
<tr>
<td>CIS 18A</td>
<td>JAVA Programming: Objects (3.00)</td>
</tr>
<tr>
<td>CIS 7</td>
<td>Discrete Structures (3.00) Same-As: CSC 7</td>
</tr>
<tr>
<td>CIS 11</td>
<td>Computer Architecture and Organization: Assembly (3.00) Same-As: CSC 11</td>
</tr>
<tr>
<td>MAT 1C</td>
<td>Calculus III (4.00)</td>
</tr>
<tr>
<td>PHY 4B</td>
<td>Electricity and Magnetism (4.00)</td>
</tr>
<tr>
<td>PHY 4C</td>
<td>Heat, Light and Waves (4.00)</td>
</tr>
</tbody>
</table>

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.
- **SEP 1-30**: TAG filing period for fall.

Find Your UCR Transfer Counselor
We’re here to help you transition successfully and finish your four-year degree. transfer.ucr.edu

Find Your UCR Transfer Counselor
Let us show you how: finaid.ucr.edu

- 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)

You Can Afford UCR
Let us show you how: 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"
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.

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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

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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

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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

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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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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 Or Marketing Person
- Customer/Technical Support
- Data Base Manager
- Data Processing Consultant
- Equipment Analyst
- Games Developer
- Hardware Research And Development
- Information Technology
- Internet Consultant
- Management Information Systems
- Marketing Support Specialist
- Microprogrammer/Analyst
- Multi-Media Specialist
- Network Administrator
- Networking
- Operations Research Specialist
- PC Support Specialist
- Professor/Lecturer/Instructor
- Quality Assurance
- Scientific Programmer
- Software Engineer
- Software Test Engineer
- Systems Analyst
- Systems Architect
- Systems Development
- Systems Engineer
- Systems Manager
- Systems Programmer
- Technical Services
- Technology Analyst
- Telecommunications Programmer/Analyst
- Web Designer/Developer
- Webmaster

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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

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High-Profile Companies Hire BCOE Graduates
BCOE graduates go on to become software engineers, spacecraft propulsion engineers, entrepreneurs and more.

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Google
Boeing
Acorn Technology Corporation
AMGEN
Applied Medical
Panasonic