

# COMPUTER SCIENCE

[norcollege.edu](http://norcollege.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!

## 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)



## 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 UCR transfer requirements — to be admitted to UCR's Marlan and Rosemary Bourns College of Engineering (BCOE):

Complete all courses:	
MAT 1A	Calculus I (4.0)
MAT 1B	Calculus II (4.0)
PHY 4A	Mechanics (4.0)
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)
ENE 38	Introduction to Programming Concepts and Methodologies for Engineers (3.00)
And One (1) course from:	
CIS 17C	C++ Programming: Data Structures (3.0)
CIS 18A	JAVA Programming: Objects (3.0) Same-As: CSC 18A
CIS 18B	Java Programming: Advanced Objects (3.0)
And Three (3) course from:	
CIS 7	Discrete Structures (3.0) Same-As: CSC 7
CIS 11	Computer Architecture and Organization: Assembly (3.0) Same-As: CSC 11
MAT 1C	Calculus III (4.0)
PHY 4B	Electricity and Magnetism (4.0)
CIS 17C	C++ Programming: Data Structures (3.0)
<b>AND</b>	
CIS 18A	JAVA Programming: Objects (3.0) Same-As: CSC 18A
<b>AND</b>	
PHY 4A	Mechanics (4.0)
<b>AND</b>	
PHY 4C	Heat, Light and Waves (4.0)
STRONGLY RECOMMENDED COURSES	
MAT 3	Linear Algebra (3.00)
Course descriptions: <a href="http://norcollege.edu">norcollege.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)

## You Can Afford UCR

**86%** of UCR undergraduate students who applied received some form of financial aid.

**97%** of Financial Aid recipients received gift-aid (grants and/or scholarships).

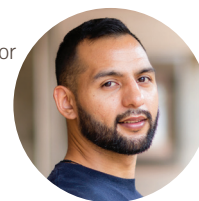
**80%** of students' financial aid need was met with need-based financial aid.

(Financial Aid Office, 2020–21)

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 Norco 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 

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

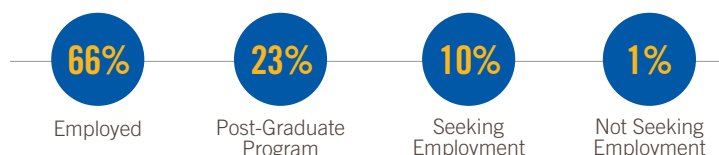
## What You Can Do with a Bachelor's Degree in Computer Science

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 2020 in a survey that was given six months after graduation.



Source: Career Center Annual Report 2019-20

## High-Profile Companies Hire BCOE Graduates

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

