Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Riverside 2022-2023 General Catalog, Quarter

From: De Anza College 2022-2023 General Catalog, Quarter

Computer Science with Business Applications B.S.

GENERAL REQUIREMENTS

All majors in the Bourns College of Engineering are selective, based on academic preparation and GPA in all transferable coursework, with a minimum GPA of 2.80. This is a baseline GPA for consideration and not a guarantee of admission

Prior to transfer, a minimum GPA of at least 2.50 in the calculus sequence and at least one additional sequence.

AP Exam - Satisfy Course Requirement Section

Computer Science: A Exam

Minimum score of 4 satisfies CS 10A

Economics: Macroeconomics Exam

Minimum score of 3 satisfies ECON 2

Economics: Microeconomics Exam

Minimum score of 3 satisfies ECON 3

Mathematics: AB Exam or AB Subscore from BC Exam Minimum score of 3 satisfies MATH 9A <u>or</u> MATH 7A

Mathematics: BC Exam

Minimum score of 3 satisfies MATH 9A and MATH 9B or MATH 7A and MATH 7B

Minimum score of 4 satisfies MATH 9A, MATH 9B, MATH 9C or MATH 7A, MATH 7B, MATH 9C

If the sending institution offers *honors courses*, the articulation for the same course number will be used.

For more information regarding this major and UCR's transfer selection process, please visit <u>Bourns College of Engineering General Requirements</u>. For information about the UC Transfer Admission Guarantee (TAG) program, please visit <u>Transfer Admission Guarantee</u>.

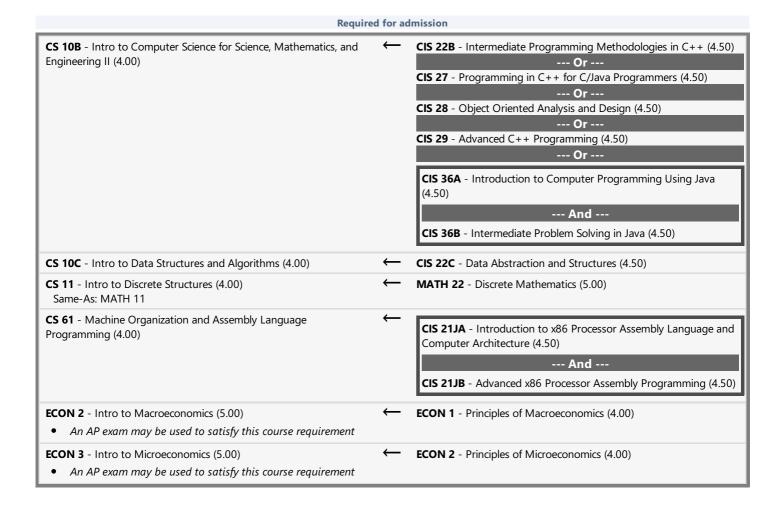
IGETC and General Education/Breadth Information

The Bourns College of Engineering (BCOE) accepts completion of IGETC as satisfying the college's lower division general education/breadth requirements for transfer students. Additional upper division breadth requirements may be required after enrollment in BCOE. Please visit "GE Areas - Transfer Institution" for the complete list of required GE/Breadth Articulation Agreement. For more information on BCOE breadth requirements, go to Bourns College of Engineering Breadth Requirements. Prospective applicants are strongly encouraged to focus instead on preparatory course work for the major, such as the mathematics, science and other technical preparatory course work listed below, rather than IGETC. Strong technical preparation is essential for success in the admissions process, and subsequently, in all coursework at BCOE.

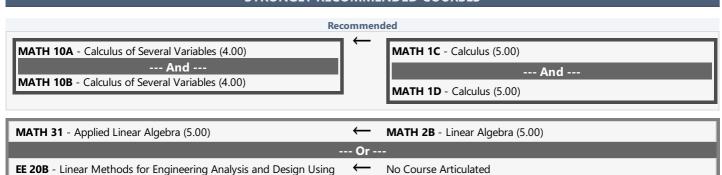
LOWER DIVISION MAJOR REQUIREMENTS

Required for admission All courses in this section are required

BUS 20 - Financial Accounting and Reporting (4.00) **ACCT 1A** - Financial Accounting I (5.00) CS 10A - Intro to Computer Science for Science, Mathematics, and **CIS 22A** - Beginning Programming Methodologies in C++ (4.50) Engineering I (4.00) --- Or ---An AP exam may be used to satisfy this course requirement CIS 26A - C as a Second Programming Language (4.50) --- Or --CIS 26B - Advanced C Programming (4.50) --- Or ---CIS 36A - Introduction to Computer Programming Using Java (4.50)--- And ---CIS 36B - Intermediate Problem Solving in Java (4.50) MATH 9A - First-Year Calculus (4.00) **MATH 1A** - Calculus (5.00) --- And ----- And ---MATH 9B - First-Year Calculus (4.00) **MATH 1B** - Calculus (5.00) MATH 9C - First-Year Calculus (4.00) --- And ---An AP exam may be used to satisfy this course **MATH 1C** - Calculus (5.00) reauirement



STRONGLY RECOMMENDED COURSES



END OF AGREEMENT

MATLAB (4.00)