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

Bioengineering, 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.

Effective Fall 2024 transfer students must complete all Chemistry lab courses in-person to receive articulation to UCR's equivalent Chemistry lab courses. Completing Chemistry lab courses online will not impact your ability to transfer. Transfer students who complete Chemistry lab courses online will be required to retake the lab courses at UCR.

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

Mathematics: AB Exam or AB Subscore from BC Exam

Minimum score of 3 satisfies MATH 9A or 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.

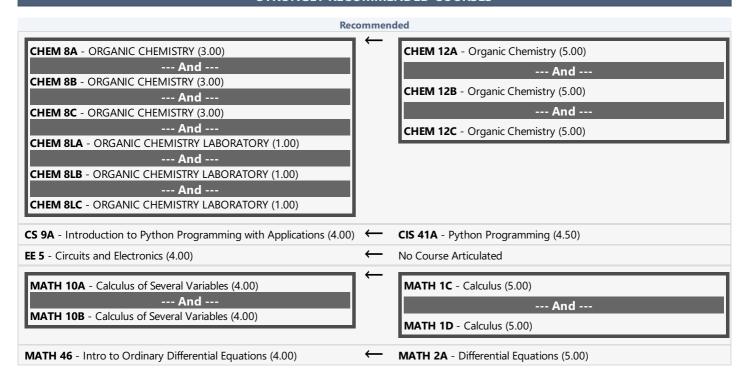
LOWER DIVISION MAJOR REQUIREMENTS

Required for admission All courses in this section are required	
BIOL 5A - Intro to Cell and Molecular Biology (4.00) And BIOL 5LA - Intro to Cell and Molecular Biology Lab (1.00)	BIOL 6B - Cell and Molecular Biology (6.00)
CHEM 1A - General Chemistry (4.00) And CHEM 1B - General Chemistry (4.00) And CHEM 1C - General Chemistry (4.00) And CHEM 1LA - General Chemistry Lab (1.00) And CHEM 1LB - General Chemistry Lab (1.00) And CHEM 1LC - General Chemistry Lab (1.00)	CHEM 1A - General Chemistry (5.00) And CHEM 1B - General Chemistry (5.00) And CHEM 1C - General Chemistry and Qualitative Analysis (5.00)
MATH 9A - First-Year Calculus (4.00) And MATH 9B - First-Year Calculus (4.00) And MATH 9C - First-Year Calculus (4.00) • An AP exam may be used to satisfy this course requirement	MATH 1A - Calculus (5.00) And MATH 1B - Calculus (5.00) And MATH 1C - Calculus (5.00)

BIOL 5B - Intro to Organismal Biology (4.00) PHYS 40A - General Physics (5.00) PHYS 40B - General Physics (5.00) PHYS 40C - General Physics (5.00) Required for admission BIOL 6A - Form and Function in the Biological World (6.00) PHYS 4A - Physics for Scientists and Engineers: Mechanics (6.00) PHYS 4C - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00) PHYS 40C - General Physics (5.00) PHYS 4B - Physics for Scientists and Engineers: Electricity and Magnetism (6.00)

elect 2 Course(s) from the following

STRONGLY RECOMMENDED COURSES



END OF AGREEMENT