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

Chemistry, B.A. or B.S.

GENERAL REQUIREMENTS

Applicants to majors in the College of Natural and Agricultural Sciences are selected on the basis of their academic preparation, as assessed by their GPA and the strength of preparation for their intended major. A GPA of at least 2.70 is required (This is a baseline GPA for consideration and not a guarantee of admission). Courses must be completed with a letter grade, with no grade lower than a "C". To be best prepared for upper division course work at UCR, students are advised to complete as many as possible of the lower division major requirements listed below prior to transfer, and to prioritize this course work above completion of breadth/general education courses.

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.

In addition, complete community college courses comparable to <u>at least three</u> of the following UCR year-long sequences in order to meet selection criteria for this major. Courses must be completed with "C" grades or better, except for organic chemistry (which must be "B" required) prior to transfer. First year calculus and general chemistry are required, the third sequence can be chosen from options listed under <u>Potential Course Sequences</u>. Students pursuing the B.S. degree who are completing a year of physics in order to meet admission criteria will need to complete the equivalents of UCR's **Physics** 40A, 40B, 40C.

Potential Course Sequences

Chemistry CHEM 1A/LA, CHEM 1B/LB, CHEM 1C/LC or CHEM 2A/LA, CHEM 2B/LB, CHEM 2C/LC (mandatory)

Math 9A, MATH 9B, MATH 9C (mandatory)

Math 10A, MATH 10B, MATH 46

Organic Chemistry CHEM 8A/LA, CHEM 8B/LB, CHEM 8C/LC (minimum grade of "B "required)

Physics PHYS 40A, PHYS 40B, PHYS 40C (strongly recommended)

AP Exam - Satisfy Course Requirement Section

Mathematics: AB Exam or AB Subscore from BC Exam

Minimum score of 3 satisfies MATH 9A

Mathematics: BC Exam

Minimum score of 3 satisfies MATH 9A and MATH 9B Minimum score of 4 satisfies MATH 9A, MATH 9B, MATH 9C

If the sending institution offers $\underline{\textit{honors courses}}$, the articulation for the same course number will be used.

For additional information about this major, please visit **Chemistry**.

For information about the UC Transfer Admission Guarantee (TAG) program, please visit Transfer Admission Guarantee.

IGETC and General Education/Breadth Information

IGETC is not accepted for majors housed in the College of Natural and Agricultural Sciences. Courses taken for IGETC will be applied to the College's breadth pattern as appropriate. Transfer students who wish to supplement their math and science preparation with humanities or social science courses are encouraged to follow the College of Natural and Agricultural Sciences breadth pattern. You may view the breath requirements for College of Natural and Agricultural Sciences by visiting the 2022-23 Catalog, pages 87-89.

LOWER DIVISION MAJOR REQUIREMENTS

Required for admission All courses in this section are required Minimum grade required: C or better

MATH 9A - First-Year Calculus (4.00)

--- And --
MATH 9B - First-Year Calculus (4.00)

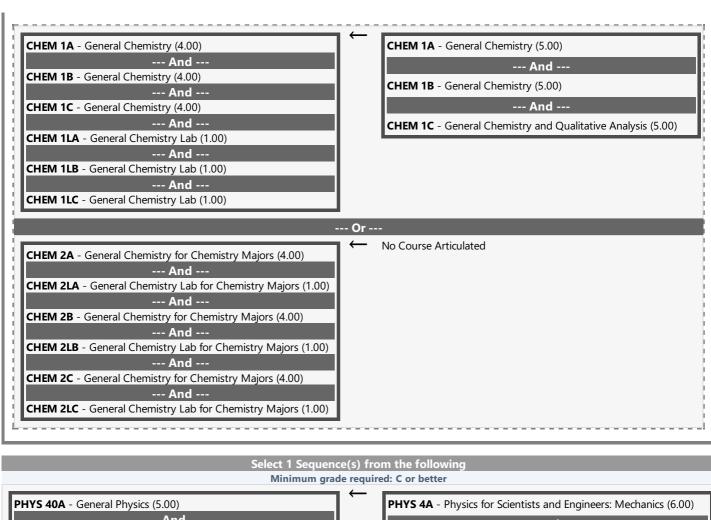
--- And --
MATH 9C - First-Year Calculus (4.00)

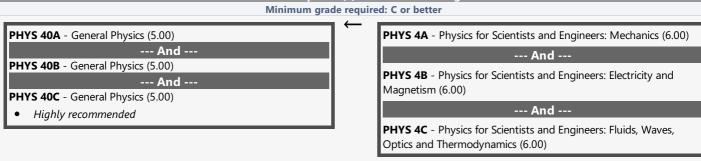
• An AP exam may be used to satisfy this course requirement

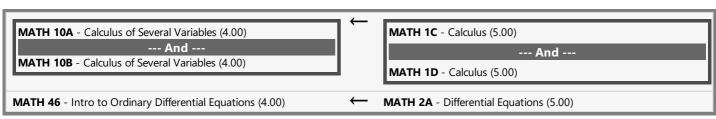
MATH 1A - Calculus (5.00)

--- And --
MATH 1B - Calculus (5.00)

--- And --
MATH 1C - Calculus (5.00)







Minimum grade required: B or better CHEM 8A - ORGANIC CHEMISTRY (3.00) CHEM 12A - Organic Chemistry (5.00) --- And ------ And ---CHEM 8B - ORGANIC CHEMISTRY (3.00) CHEM 12B - Organic Chemistry (5.00) --- And ---CHEM 8C - ORGANIC CHEMISTRY (3.00) --- And ------ And ---CHEM 12C - Organic Chemistry (5.00) CHEM 8LA - ORGANIC CHEMISTRY LABORATORY (1.00) --- And ---CHEM 8LB - ORGANIC CHEMISTRY LABORATORY (1.00) --- And ---

CHEM 8LC - ORGANIC CHEMISTRY LABORATORY (1.00)