# **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

## **Mathematics for Secondary School Teachers, 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 two</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 prior to transfer. First year calculus is required, the *second* sequence can be chosen from options listed under Potential Course Sequences.

#### **Potential Course Sequences**

Math 9A, MATH 9B, MATH 9C or Math 7A, MATH 7B, MATH 9C (mandatory)

Biology BIOL 5A/LA, BIOL 5B (and BIOL 5C, if articulated)

Chemistry CHEM 1A/LA, CHEM 1B/LB, CHEM 1C/LC

Math 10A, MATH 10B, MATH 46

Physics PHYS 40A, PHYS 40B, PHYS 40C

#### **AP Exam - Satisfy Course Requirement Section**

Computer Science: A Exam

Minimum score of 4 satisfies CS 10

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

For additional information about this major, please visit Mathematics.

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

### IGETC and General Education/Breadth Information

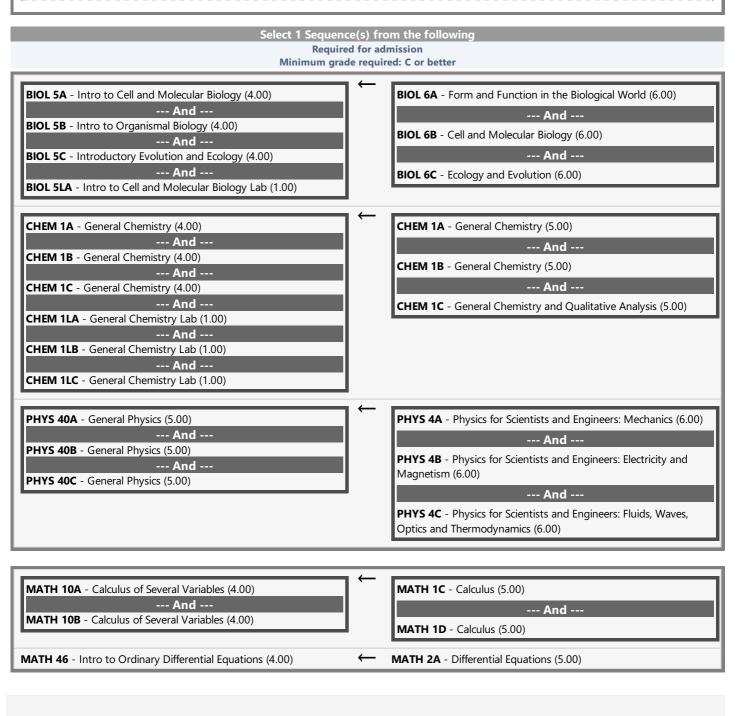
IGETC is not accepted for majors housed in the College of Natural and Agricultural Sciences. Courses taken for IGETC will be applied to the College's breadth pattern as appropriate. Transfer students who wish to supplement their math and science preparation with humanities or social science courses are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

## **LOWER DIVISION MAJOR REQUIREMENTS**

Select 1 Sequence(s) from the following
Required for admission

Minimum grade required: C or better

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) --- And ----- And ---MATH 9C - First-Year Calculus (4.00) An AP exam may be used to satisfy this course **MATH 1C** - Calculus (5.00) requirement MATH 7A - Calculus for Life Sciences (4.00) No Course Articulated • An AP exam may be used to satisfy this course requirement MATH 7B - Calculus for Life Sciences (4.00) No Course Articulated An AP exam may be used to satisfy this course requirement



--- And ---

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

MATH 9C - First-Year Calculus (4.00)

## **END OF AGREEMENT**