

BIOLOGY TRANSFER, CELL AND MOLECULAR BIOLOGY BS - ASSOCIATE IN ARTS (URI)



UCMB

This program constitutes a JAA transfer program to URI. Students completing a JAA plan receive an Associate's degree and enter the receiving institution with 60 credits and Junior status. Students must complete all requirements as given. Depending on GPA, students receive a tuition discount of up to 30% at the receiving institution, a waived application fee, and personalized advising.

The A.A. degree in Cell & Molecular Biology (CMB) introduces students to foundational biological coursework, and precalculus, and supports the completion of general education requirements so that a student can transfer into the B.S. program in CMB at URI. Students with a CMB background are able to enter the workforce with necessary laboratory skills or move on to graduate work in selected fields.

Program Learning Outcomes

Upon completion of this program, a student will be able to:

1. Create written work that develops and expresses ideas and that addresses a given context and target audience.
2. Communicate effectively via oral presentations, performances, participation in group work, and visual presentations.
3. Identify, analyze, and apply evidence and ideas, question assumptions, and draw logical conclusions.
4. Develop information literacy by locating, evaluating, synthesizing, and using information to accomplish a specific purpose.
5. Demonstrate an understanding of and apply scientific or quantitative principles, theories, and methods.
6. Apply quantitative principles to solve problems and support arguments with quantitative evidence in a variety of formats (e.g. words, tables, graphs, equations, etc.).
7. Demonstrate an understanding of global, cultural and historical perspectives.
8. Function effectively in social and professional environments and make reasoned decisions based on ethical standards, self-awareness, and personal responsibility.
9. Utilize discipline-specific theories and concepts to analyze data, texts, and issues at a level appropriate for a 2-year college student.

Requirements

Code	Title	Hours
General Education Requirements		
BIOL 1001	Introductory Biology: Organismal Thinking; Social and Professional Responsibilities ^{MSCI; Critical}	4
BIOL 1002	Introductory Biology: Cellular Communication; Scientific Reasoning ^{MSCI; Non-Written}	4
COMM 1010	Communication Fundamentals ^{HUMN; Non-Written} Communication; Social and Professional Responsibilities	3

ENGL 1010	Composition I (or ENGL 1010A) ^{HUMN; Written} Communication, Information Literacy	3
History Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/) ^{SSCI}		3
Humanities Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#humngened/) ^{HUMN}		3
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/) ^{HUMN}		3
MATH 2103	Applied Precalculus ^{MSCI; Scientific Reasoning;} Quantitative Literacy	4
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/) ^{SSCI}		3
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Sub-total General Education		33
Major Requirements		
BIOL 2480	General Microbiology	4
CHEM 1030	General Chemistry I ^{MSCI; Scientific Reasoning;} Quantitative Literacy	5
CHEM 1100	General Chemistry II	5
CHEM 2270	Organic Chemistry I	5
CHEM 2280	Organic Chemistry II	5
MATH 2131	Applied Calculus ^{MSCI; Scientific Reasoning; Quantitative} Literacy	4
Sub-total Major Requirements		28
Total Hours		61

^ Work-based learning course

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
BIOL 1002	Introductory Biology: Cellular	4
CHEM 1030	General Chemistry I	5
ENGL 1010	Composition I (or ENGL 1010A)	3
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)		3
Hours		15
Semester 2		
BIOL 1001	Introductory Biology: Organismal	4
CHEM 1100	General Chemistry II	5
MATH 2103	Applied Precalculus	4
History Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/)		3
Hours		16
Year 2		
Semester 1		
BIOL 2480	General Microbiology	4
CHEM 2270	Organic Chemistry I	5
MATH 2131	Applied Calculus	4

Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)	3
Hours	16
Semester 2	
CHEM 2280 Organic Chemistry II	5
COMM 1010 Communication Fundamentals^	3
Humanities Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#humngened/)	3
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/)	3
Hours	14
Total Hours	61

^ Work-based learning course

Transfer

This program at CCRI is a part of the Joint Admissions Agreement (JAA). JAA helps students transfer seamlessly to Rhode Island College (RIC) or the University of Rhode Island (URI). Students who are eligible for the JAA program have earned less than 30 college credits at the time of joining and have not attended any other college or university.

JAA graduates are guaranteed admissions to either RIC or URI, have personalized advising by a caseload advisor, enter with Junior status at RIC or URI, and are eligible for a tuition discount up to 30% based on GPA.

[Please meet with an Academic Advisor/Student Success Coach to help you select the courses that best prepare you for transfer to RIC or URI.](#) For more information, please visit Joint Admissions Agreement (<https://ccri.edu/jaa/>) or the Transfer Center (https://ccri.edu/onestop/transfer_center/).