

CHEMISTRY TRANSFER, CHEMISTRY BA - ASSOCIATE IN ARTS (RIC)



RCHM

This program constitutes a JAA transfer program to RIC. 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.

Chemistry is the central science and plays a crucial role in various scientific fields. Students who complete this chemistry transfer program will acquire a solid foundation in both general and organic chemistry, equipping them for advanced undergraduate chemistry studies. Through hands-on laboratory experiences, students will master fundamental techniques, utilize modern instrumentation, and cultivate safe laboratory practices.

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		
CHEM 1030	General Chemistry I ^{MSCI; Scientific Reasoning; Quantitative Literacy}	5
COMM 1010	Communication Fundamentals ^A ^{HUMN; Non-Written Communication; Social and Professional Responsibilities}	3
ENGL 1010	Composition I (or ENGL 1010A) ^{HUMN; Written Communication; Information Literacy}	3

Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/) ^{SSCI}	3
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Choose ONE of the following:	3
Art Elective ^{HUMN}	
Music Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/) ^{HUMN}	
Theatre Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/) ^{HUMN}	
Choose ONE of the following:	3
History Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/) ^{SSCI}	
Philosophy Elective (https://catalog.ccri.edu/course-descriptions/phil/) ^{HUMN}	
Choose ONE of the following:	3
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/) ^{HUMN}	
World Languages Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/) ^{HUMN}	
Choose ONE of the following:	4
MATH 2111 ^{MSCI; Scientific Reasoning; Quantitative Literacy}	
MATH 2141 ^{MSCI; Scientific Reasoning; Quantitative Literacy}	
Subtotal General Education	30
Major Requirements	
CHEM 1100 General Chemistry II	5
CHEM 2270 Organic Chemistry I	5
CHEM 2280 Organic Chemistry II	5
PHYS 1030 General Physics I ^{MSCI; Critical Thinking; Quantitative Literacy}	4
PHYS 1040 General Physics II	4
Free Elective	3
Free Elective	3
Free Elective	3
Subtotal Major Requirements	32
Total Hours	62

^A Work-based learning course

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
CHEM 1030	General Chemistry I	5
COMM 1010	Communication Fundamentals ^A	3
ENGL 1010	Composition I (or ENGL 1010A)	3
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)		3
Free elective		3
Hours		17
Semester 2		
CHEM 1100	General Chemistry II	5

Choose ONE of the following:	4
MATH 2111 Pre-Calculus Mathematics	
MATH 2141 Calculus I	
Choose ONE of the following:	3
History Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/)	
Philosophy Elective (https://catalog.ccri.edu/course-descriptions/phil/)	
Free Elective	3
Hours	15

Year 2**Semester 1**

CHEM 2270 Organic Chemistry I	5
PHYS 1030 General Physics I	4
Choose ONE of the following:	3
Fine Arts Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#fineartsgened/)	
Music Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/)	
Theatre Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/)	
Free Elective	3
Hours	15

Semester 2

CHEM 2280 Organic Chemistry II	5
PHYS 1040 General Physics II	4
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)	3
Choose ONE of the following:	3
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/)	
World Languages Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/)	
Hours	15
Total Hours	62

(<https://ccri.edu/jaa/>) or the Transfer Center (https://ccri.edu/onestop/transfer_center/).

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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