CHEMISTRY TRANSFER, CHEMISTRY BS - ASSOCIATE IN ARTS (URI)

UCHM

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.

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^ 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 2111	Pre-Calculus Mathematics MSCI; Scientific Reasoning; Quantitative Literacy	4
MATH 2141	Calculus I MSCI; Scientific Reasoning; Quantitative Literacy	4
PSYC 2010	General Psychology SSCI; Critical Thinking; Scientific Reasoning	4
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/) SSCI		3
Sub-total General Education		35
Major Requirements		
CHEM 1100	General Chemistry II	5
CHEM 2270	Organic Chemistry I	5
CHEM 2280	Organic Chemistry II	5
MATH 2142	Calculus II MSCI; Scientific Reasoning; Quantitative Literacy	4
PHYS 1150	University Physics I (and PHYS 1151) MSCI; Critical Thinking; Scientific Reasoning	4
PHYS 1500	University Physics II (and PHYS 1501)	4
Sub-total Major Requirements		27
Total Hours		**62**

^ Work-based learning course

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
CHEM 1030	General Chemistry I	5
ENGL 1010	Composition I (or ENGL 1010A)	3
MATH 2111	Pre-Calculus Mathematics	4
PSYC 2010	General Psychology	4
	Hours	**16**
Semester 2		
CHEM 1100	General Chemistry II	5
COMM 1010	Communication Fundamentals^	3
MATH 2141	Calculus I	4
PHYS 1150	University Physics I	3
PHYS 1151	University Physics I Laboratory	1
	Hours	**16**
Year 2		
Semester 1		
CHEM 2270	Organic Chemistry I	5
MATH 2142	Calculus II	4
History Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/)		3
Humanities Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#humngened/)		3
	Hours	**15**

Semester 2		
CHEM 2280	Organic Chemistry II	5
PHYS 1500	University Physics II	3
PHYS 1501	University Physics Lab II	1
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/)		3
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)		3
	Hours	**15**
	Total Hours	**62**

^ 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/).