COMPUTER STUDIES TRANSFER, COMPUTER SCIENCE BS - ASSOCIATE IN ARTS (RIC)

RCSS

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.

In the Bachelor of Science degree at RIC, you are required to take additional courses in mathematics, science, ethics, and writing. Because of the additional courses in math and science, it is considered a more rigorous degree to earn, and some employers are interested in knowing you have that rigor to master the math and science required. Designing and programming complex systems does require more math and science knowledge.

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		
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
MATH 1240	Statistical Analysis I MSCI; Scientific Reasoning; Quantitative Literacy	4
MATH 2111	Pre-Calculus Mathematics MSCI; Scientific Reasoning; Quantitative Literacy	4
PHIL 2030	Ethics HUMN; Critical Thinking; Social and Professional Responsibilities	3
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/) SSCI		3
Choose ONE of the following:		4
BIOL 1000	Cell Biology for Technology MSCI; Scientific Reasoning; Social and Professional Responsibilities	
CHEM 1030	General Chemistry I MSCI; Scientific Reasoning; Quantitative Literacy	
PHYS 1030	General Physics I MSCI; Critical Thinking; Quantitative Literacy	
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		
Subtotal General Education		33
Major Requirements		
COMI 1150	Programming Concepts	3
COMI 1510	Java Programming	3
COMI 2510	Advanced Java Programming	3
COMI 2520	Data Structures and Algorithms	3
ENGL 1410	Business Writing	3
MATH 2141	Calculus I MSCI; Scientific Reasoning; Quantitative Literacy	4
Choose ONE of the following:		4
BIOL 1001	Introductory Biology: Organismal MSCI; Critical Thinking; Social and Professional Responsibilities	
CHEM 1100	General Chemistry II	
PHYS 1040	General Physics II	
Free Elective		3
Free Elective		3
Subtotal Major Requirements		29
Total Hours		**62**

^ Work-based learning course

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
COMI 1150	Programming Concepts	3
COMM 1010	Communication Fundamentals^	3
ENGL 1010	Composition I (ENGL1010A)	3
Choose ONE of the following:		3
	Art Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/)	
	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/)	
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**
Semester 2		
COMI 1510	Java Programming	3
MATH 2111	Pre-Calculus Mathematics	4
Free Elective		3
Free Elective		3
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/)	
	Hours	**16**
Year 2		
Semester 1		
Choose ONE of the following:		4-5
BIOL 1000	Cell Biology for Technology	
CHEM 1030	General Chemistry I	
PHYS 1030	General Physics I	
COMI 2510	Advanced Java Programming	3
ENGL 1410	Business Writing	3
MATH 2141	Calculus I	4
	Hours	**14-15**
Semester 2		
Choose ONE of the following:		4-5
BIOL 1001	Introductory Biology: Organismal	
CHEM 1100	General Chemistry II	
PHYS 1040	General Physics II	
COMI 2520	Data Structures and Algorithms	3
MATH 1240	Statistical Analysis I	4
PHIL 2030	Ethics	3
Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/)		3
	Hours	**17-18**
	Total Hours	**62-64**

^ 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/).