

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



## UCSS

This program may be completed at the Knight (Warwick) Campus but requires one or more courses be completed online.

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.

This program is recommended for students who want to pursue technically focused careers that require strong mathematical and scientific preparation and those interested in computer science graduate studies.

## 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
<b>General Education Requirements</b>		
COMM 1010	Communication Fundamentals <sup>A</sup> Communication; Social and Professional Responsibilities	3
ENGL 1010	Composition I (or ENGL 1010A) Communication; Information Literacy	3

History Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/</a> ) <sup>SSCI</sup>		3
Lab Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/</a> ) <sup>MSCI</sup>		4
Lab Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/</a> ) <sup>MSCI</sup>		4
Literature Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/</a> ) <sup>HUMN</sup>		3
MATH 1240	Statistical Analysis I Quantitative Literacy	4
PHIL 2030	Ethics HUMN; Critical Thinking; Social and Professional Responsibilities	3
Social Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/</a> ) <sup>SSCI</sup>		3
Social Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/</a> ) <sup>SSCI</sup>		3
Sub-Total General Education		33

### Major Requirements

COMI 1150	Programming Concepts	3
CHOOSE COMI 1215 or COMI 1225 or COMI 1240 or COMI 2040 or COMI 2225		3
COMI 1510	Java Programming	3
COMI 2510	Advanced Java Programming	3
COMI 2520	Data Structures and Algorithms	3
COMI 2530	Introduction to Software Engineering <sup>A</sup>	4
MATH 2111	Pre-Calculus Mathematics Quantitative Literacy	4
MATH 2141	Calculus I	4
Subtotal		27

**Total Hours** 60

## Recommended Course Sequence

Course	Title	Hours
<b>Year 1</b>		
<b>Semester 1</b>		
COMI 1150	Programming Concepts	3
ENGL 1010	Composition I (or ENGL 1010A)	3
PHIL 2030	Ethics	3
Lab Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/</a> )		4
Social Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/</a> )		3
<b>Hours</b>		<b>16</b>
<b>Semester 2</b>		
Choose ONE of the following:		3
COMI 1215	Programming in C++	
COMI 1225	Programming in C#	
COMI 1240	Object-Oriented Programming	
COMI 2040	Beginning Game Programming	
COMI 2225	Advanced Programming in C#	
COMI 1510	Java Programming	3
COMM 1010	Communication Fundamentals <sup>A</sup> (Work-based learning course)	3
MATH 1240	Statistical Analysis I	4

Literature Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/</a> )	3
<b>Hours</b>	<b>16</b>
<b>Year 2</b>	
<b>Semester 1</b>	
COMI 2510 Advanced Java Programming	3
MATH 2111 Pre-Calculus Mathematics	4
History Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/</a> )	3
Lab Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/</a> )	4
<b>Hours</b>	<b>14</b>
<b>Semester 2</b>	
COMI 2520 Data Structures and Algorithms	3
COMI 2530 Introduction to Software Engineering^ (Work-based learning course)	4
MATH 2141 Calculus I	4
Social Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/</a> )	3
<b>Hours</b>	<b>14</b>
<b>Total Hours</b>	<b>60</b>

## 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/](https://ccri.edu/onestop/transfer_center/)).