

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



## RCSS

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 Rhode Island College (RIC). Students completing a JAA plan receive an Associate 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 and visual presentations, performances, and participation in group work.
3. Identify, analyze, and apply evidence and ideas, question assumptions, and draw logical conclusions.
4. Develop digital and information literacy to locate, evaluate, and synthesize using online tools and/or artificial intelligence (AI) to accomplish a specific purpose.
5. Articulate and apply scientific principles, theories, and methods.
6. Solve problems and support arguments with quantitative evidence in a variety of formats (e.g. words, tables, graphs, equations, etc.).
7. Describe and apply cultural, historical, and global perspectives to a variety of topics, issues, and analyses.
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> (Work-Based Learning Course)	3
ENGL 1010	Composition I (or ENGL 1010A)	3

MATH 1240	Statistical Analysis I	4
MATH 2111	Pre-Calculus Mathematics	4
PHIL 2030	Ethics	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> )		3-4
Choose ONE of the following:		4-5
BIOL 1000	Cell Biology for Technology	
CHEM 1030	General Chemistry I	
PHYS 1030	General Physics I	
Choose ONE of the following:		3
Art Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/</a> )		
Film Elective ( <a href="https://catalog.ccri.edu/course-descriptions/film/">https://catalog.ccri.edu/course-descriptions/film/</a> )		
Music Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/</a> )		
Theatre Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/</a> )		
Choose ONE of the following:		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> )		
Philosophy Elective ( <a href="https://catalog.ccri.edu/course-descriptions/phil/">https://catalog.ccri.edu/course-descriptions/phil/</a> )		
Choose ONE of the following:		3
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> )		
World Languages Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/</a> )		
Subtotal General Education		33-35
<b>Major Requirements</b>		
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	4
Choose ONE of the following:		4-5
BIOL 1001	Introductory Biology: Organismal	
CHEM 1100	General Chemistry II	
PHYS 1040	General Physics II	
Free Elective		3
Free Elective		3
Subtotal Major Requirements		29-30
<b>Total Hours</b>		<b>62-65</b>

## Recommended Course Sequence

Course	Title	Hours
<b>Year 1</b>		
<b>Semester 1</b>		
COMI 1150	Programming Concepts	3
COMM 1010	Communication Fundamentals <sup>A</sup> (Work-Based Learning Course)	3
ENGL 1010	Composition I (ENGL1010A)	3
Choose ONE of the following:		3

Art Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/</a> )	
Music Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/</a> )	
Theatre Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/</a> )	
Choose ONE of the following:	3
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> )	
World Languages Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/</a> )	
<b>Hours</b>	<b>15</b>
<b>Semester 2</b>	
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 ( <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> )	
Philosophy Elective ( <a href="https://catalog.ccri.edu/course-descriptions/phil/">https://catalog.ccri.edu/course-descriptions/phil/</a> )	
<b>Hours</b>	<b>16</b>
<b>Year 2</b>	
<b>Semester 1</b>	
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
<b>Hours</b>	<b>14-15</b>
<b>Semester 2</b>	
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 ( <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>17-18</b>
<b>Total Hours</b>	<b>62-64</b>

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/)).

## 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