

TRANSFER ADVISING GUIDE

Associate of Science (A.S.) Computer Science from Raritan Valley Community College to a Bachelor of Science (B.S.) Computer Science at Rider University				
<i>RARITAN VALLEY COMMUNITY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>	Cr	
<i>Computer Science, A.S.</i>		<i>B.S. Computer Science (120 Credits)</i>		
First Semester				
ENGL 111 English Composition I	3	CMP 120 Seminar in Writing & Rhetoric	3	
MATH 151 Calculus I	4	Mathematics Reasoning: MTH 210 Calculus I	4	
CSIT 105 Foundations of Computer Science	4	CSC 110 Computer Science I	3	
Social Science ¹ For transfer Rider suggests: SOCI 110 Intro to Sociology	3	Social Perspectives SOC 101 Sociological Imagination	3	
14			13	
Second Semester				
ENGL 112 English Composition II	3	CMP 125 Seminar in Writing & Research	3	
MATH 152 Calculus II (4)	4	MTH 211 Calculus II (4)	4	
CSIT 254 Data Structures (4)	4	CSC 130 Data Structures & Algorithms (4)	4	
Lab Science Sequence ² For transfer credit Rider suggests: PHYS 150 Engineering Physics I (4)	4	Scientific Perspectives Lecture/Lab Combination Courses OR PHY 200 General Physics I (4) PHY 200L General Physics I Lab (0)	4	
15			15	
Third Semester				
Mathematics Specialization Elective ³ For transfer credit Rider suggests: MATH 255 Discrete Mathematics (4)	4	CSC 140 Discrete Structures (3)	3/4	
Mathematics or Programming Elective ¹ For transfer credit Rider suggests: CSIT 200 Python Programming (3) OR CSIT 238 C Programming (3) OR CSIT 249 Java (3)	3	CSC 120 Computer Science II (3)	3	
Humanities ¹ For transfer Rider suggests: Foreign Language <small>A two-semester sequence of the same language is required.</small>	3	Foreign Language Proficiency ⁵ (FRE, ITA, SPA CHI) <small>A two-semester sequence of the same language is required.</small>	3	
Lab Science Sequence ² For transfer credit Rider suggests:	4	Scientific Perspectives Lecture/Lab Combination Courses OR	4	

PHYS 151 Engineering Physics II (4)		PHY 201 General Physics II (4) PHY 201L General Physics II Lab (0)	
	14		13/14
Fourth Semester			
CSIT 256 Computer Architecture & Assembly Language (4)	4	CSC 220 Computer Organization & Architecture (4)	4
Mathematics Specialization Elective ³ For transfer credit Rider suggests: CSIT 217 Operating Systems (3)	3	CSC 240 Operating Systems (3)	3
Humanities or Social Science ⁵ For transfer Rider suggests: Foreign Language A two-semester sequence of the same language is required.	3	Foreign Language Proficiency ⁵ (FRE, ITA, SPA CHI) A two-semester sequence of the same language is required.	3
Free Elective ⁵	3	Free Elective ⁵	3
Free Elective ⁵	3	Free Elective ⁵	3
	16		16
	60		57/60

<p>FREE Rider Course Option:</p> <p><u>Select one of the following courses:</u></p> <p>CSC-150-Cyber Ethics & Societal Impact (3) OR CSC-200-Intro to Software Engineering (3) OR CSC-230- Probability for Computer Science (3)</p>	<p>Rider Course Option:</p> <p>Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at RVCC; students have the option to take a free course at Rider that counts toward the Rider degree. This course allows the RVCC student to experience first-hand the academic environment at Rider.</p> <p>See RVCC or Rider Transfer Representatives for additional information.</p> <p>Contact information listed below.</p>	3
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Raritan Valley Community College Footnotes:

¹ Select a course from the appropriate category of the [General Education](#) list.

² Select from the following two-semester lab science sequences: [PHYS 150 Analytical Physics I](#) and [PHYS 151 Analytical Physics II](#) (recommended), [BIOL 101 General Biology I](#) and [BIOL 102 General Biology II](#), [CHEM 103 General Chemistry I](#) and [CHEM 104 General Chemistry II](#), or [PHYS 101 General Physics I](#) & [PHYS 102 General Physics II](#).

³ Select from the following: [MATH 251 Calculus III](#), [MATH 254 Differential Equations](#), [MATH 255 Discrete Mathematics](#), or [MATH 256 Linear Algebra](#). Check with your intended transfer institution for transferability.

⁴ Select a Mathematics course from the [General Education](#) list or a Programming Elective from the [Computer and Programming Electives List](#). Check with your intended transfer institution for transferability.

⁵ Any college-level course except [COMP 102 Computer Literacy](#) or [CSIT 103 Computer Concepts and Programming](#).

Rider University Footnotes:

⁵ Students have a number of options to fulfill this requirement; courses will be evaluated on an individual basis.

For transfer credit RVCC students must have a grade of "C" or better. (No transfer credit will be accepted for any course with a grade of "c-" or below.)

Requirements are subject to change. This Advising Guide is best used in consultation with an advisor.

COURSES REMAINING FOR A BACHELOR OF SCIENCE DEGREE IN BUSINESS ADMINISTRATION WITH A MAJOR IN COMPUTER SCIENCE AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at RVCC, indicate course number)
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FOR FURTHER INFORMATION, CONTACT

Transfer & Career Services
Raritan Valley Community College
908.582.1200 X 8336 or 8330
pmichaud@rartianval.edu

Transfer Admission
Rider University
609.896.5000 X 7159
admissions@rider.edu