

TRANSFER ADVISING GUIDE

Computer Science (A.S.) from Mercer County Community College to Computer Science (B.S.) at Rider University					
<i>MERCER COUNTY COMMUNITY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>	Cr		
<i>Computer Science, A.S.</i>		<i>Computer Science, B.S. (120 Credits)</i>			
First Semester					
CMN 111	3	Speech: Human Communication	COM 201	3	Communication Theory
COS 101	4	Introduction to Computer Science	CSC 110	3	Computer Science I
CSW 100	2	College Success & Personal Wellness	NOT TRANSFERRABLE		
ENG 101	3	English Composition I	CMP 120	3	Expository Writing (Core)
MAT 151	4	Calculus I	MTH 210	4	Calculus I
		16			13
Second Semester					
COS 102	4	Computer Science I (Algorithms & Prog.)	CSC 120	3	Computer Science II
ENG 102	3	English Composition II	CMP 125	3	Research Writing (Core)
MAT 152	4	Calculus II	MTH 211	4	Calculus II
Humanities General Education Elective		3	LAS Elective ^v		
Social Science General Education Elective Suggest:					
SOC 101	3	Introduction to Sociology	SOC 101	3	Sociological Imagination (Core)
		17			16
Third Semester					
COS 231	4	Fundamentals of Computer Architecture & Assembly Language	CSC 240	3	Operating Systems
MAT 251		Calculus III	MTH 212		Calculus III
OR	4		OR	4	
MAT 201		Probability & Statistics for Science/Eng.	MTH 120		Intro to Applied Statistics
Science Elective ¹ Suggest:		4	PHY 200 General Physics I (3)		
PHY 115		University Physics I	PHY 200L		General Physics I Lab (1)
General Education Elective ² Suggest:					
HIS 101	3	History of Western Civilization to 1648	HIS 150	3	World History to 1500 (Core)
		15			14
Fourth Semester					
COS 204	4	Discrete Mathematical Structures	CSC 140	3	Discrete Structures
COS 210	4	Computer Science II – Data Structures	CSC 130	3	Data Structures & Algorithms
Program Elective ²		3/4	LAS Elective ^v		
Science Elective ¹ Suggest:		4	Science Elective ^v		
PHY 215		University Physics II	PHY 201		General Physics II
			PHY 201L		General Physics II Lab
		15/16			13/14
		63/64			56/60

FREE COURSE: Rider Course Option:	Rider Course Option:	
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<p>Please select one course from the following list:</p> <p>CSC-250-Software Security Engineering (3) Rider pre-requisite CSC-140 Mercer pre-requisite COS-204</p> <p>OR</p> <p>CSC-340-Cybersecurity Essentials (3) Rider pre-requisite CSC-130 Mercer pre-requisite COS-210</p>	<p>Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at Mercer; students have the option to take a <u>free</u> course at Rider that counts toward the Rider degree. This course allows the Mercer student to experience first-hand the academic environment at Rider.</p> <p>See Mercer or Rider Transfer Representatives for additional information.</p> <p>Contact information listed below.</p>	<p>3</p>
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Mercer County Community College Footnotes:

- 1 Choose from PHY 101 and 102; PHY 115 and 215; BIO 101 and 102; CHE 101 and 102.
- 2 Select course from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective.
- 3 In consultation with an academic advisor, select from the course categories of COS, DMA, IST, or MAT.
- † Some exemptions apply. Consult academic advisor for details

Rider University Footnotes:

- ∪ Students have a number of options to fulfill this requirement; courses will be evaluated on an individual basis.
- For transfer credit Mercer students must have a grade of “C” or better.
- Students interested in the College of Continuing Studies should contact that division directly.

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 COMPUTER SCIENCE AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Mercer, indicate course number)

FOR FURTHER INFORMATION, CONTACT

Transfer Services
Mercer County Community College
609-570-3397
transfer@mccc.edu

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