

## TRANSFER ADVISING GUIDE

<b>Liberal Arts &amp; Sciences, Chemistry Option (A.S.) from Mercer County Community College to Chemistry (B.S.) at Rider University</b>			
<i><b>MERCER COUNTY COMMUNITY COLLEGE COURSE Chemistry, A.S.</b></i>	<b>Cr</b>	<i><b>RIDER UNIVERSITY COURSE/AREA SATISFIED Chemistry, B.S. (120 Credits)</b></i>	<b>Cr</b>
ENG 101 English Composition I	3	CMP 120 Expository Writing	3
CHE 101 General Chemistry I <sup>β</sup>	4	CHE 120 Principles of Chemistry (3) CHE 121 Principles of Chemistry Lab (1)	4
CMN 112 Public Speaking	3	COM 104 Speech Communication	3
MAT 146 Pre- Calculus	4	MTH 105 Algebra & Trigonometry	4
Social Science General Education Elective <sup>2</sup> Suggest: SOC 101 Introduction to Sociology	3	Social Science Core <sup>σ</sup> SOC 101 Sociological Imagination	3
	<b>17</b>		<b>17</b>
ENG 102 English Composition II	3	CMP 125 Research Writing	3
Mathematics Elective (MAT) <sup>4</sup> Suggest: MAT 151 Calculus I	4	MTH 210 Calculus I	4
CHE 102 General Chemistry II <sup>β</sup>	4	CHE 122 Introduction to Chemical Systems (3) CHE 123 Quantitative Methods Lab (1)	4
Technical Elective <sup>1</sup> Suggest: PHY 115 University Physics I	4	PHY 200 General Physics I & PHY 200 L (Lab)	4
	<b>15</b>		<b>15</b>
HPE 110 Concepts of Health & Fitness <sup>†</sup>	2	Not Transferrable	0
Chemistry Elective <sup>3</sup> Suggest: CHE 201 Organic Chemistry I <sup>β</sup>	5	CHE 211 Organic Chemistry I (3) CHE 211 L Organic Chemistry I Lab (1)	4
Mathematics Elective (MAT) <sup>4</sup> Suggest: MAT 152 Calculus II	4	MTH 211 Calculus II	4
Technical Elective <sup>1</sup> Suggest: PHY 215 University Physics II	4	PHY 201 General Physics II (3) PHY 201L (Lab) (1)	4
Humanities General Education Elective <sup>5</sup> Suggest: ART 101 Art & Culture OR ART 121 History of Art I	3	LAS Core Fine Arts <sup>σ</sup> ART 120 Art & Society ART 104 Survey of Art History I	3
	<b>18</b>		<b>15</b>
Chemistry Elective <sup>3</sup> Suggest: CHE 202 Organic Chemistry II <sup>β</sup>	5	CHE 214 Organic Chemistry II (3) CHE 214L Organic Chemistry II Lab (1)	4
Technical Elective (MAT) <sup>4</sup> Suggest: MAT 251 Calculus III	4	MTH 212 Calculus III	4
Technical Elective <sup>1</sup>	4	Free Elective <sup>σ</sup>	4
General Education Elective <sup>6</sup> Suggest: POL 101 The American Political System	3	General Education Elective <sup>σ</sup> POL 100 Introduction to American Politics	3
	<b>16</b>		<b>15</b>
<b>Total:</b>	<b>66</b>		<b>60</b>

<b>Rider Course Option:</b> PHL-115, Ethics .	<b>Rider Course Option:</b> 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 course at Rider that counts toward the Rider degree. The selected course counts academically at both Mercer and Rider and allows the student to experience first-hand the academic environment at Rider. See Mercer or Rider Transfer Representatives. Contact information below.	<b>3</b>
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**Mercer County Community College Notes:**

- 1 Select from approved list of CHE, BIO, MAT, PHY, and COS courses available from Science & Health Professions division office.
  - 2 Choose from the following approved general education electives: ECO 103, 111, 112; GEO102; POL 101, 102, 201; PSY 101,206, 207; SOC 101, 103, 107.
  - 3 Select from CHE 201, 202, 205, 210. Final grade in chemistry courses must be a C or above for chemistry majors.
  - 4 Select from MAT 151, 152, 201, 251, 252.
  - 5 Choose from the following approved general education electives: ART 101, 121, 122, 123, 124, 125; MUS 103, 224, 225; PHI 102, 113, 204, 205; PHO 110; REL 101, 102; THR 101; all FRE, GER, ITA, SPA courses; all general education HIS and Literature courses.
  - 6 Select course from among either the approved Social Science or Humanities general education electives listed in footnotes #2 and #5 above.
- † HPE 111 is an acceptable alternative.
- β Mercer students need to complete sequential courses such as CHE-101/102, CHE-201/202, & BIO-101/102 at Mercer.

**Rider University:**

∩ – Students have a number of options to satisfy this requirement; courses will be evaluated on an individual basis.

For transfer the Mercer student must have a grade of “C” or higher in all courses for transfer credit.

Students must earn a grade of ‘C’ or better in BIO-115, BIO-116 and BIO-117 to meet the major requirements and before enrolling in upper-level courses for which these courses are pre-requisites.

Mercer students interested in the College of Continuing Studies (CCS) 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’S DEGREE IN CHEMISTRY 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](mailto:transfer@mccc.edu)

**Shannon Conte**  
**Rider University**  
**609.896.5000 X 7159**  
[contes@rider.edu](mailto:contes@rider.edu)