

TRANSFER ADVISING GUIDE

Mathematics/Science Program, Chemistry Option (A.S.) from Brookdale Community College to Chemistry B.S. at Rider University					
BROOKDALE COMMUNITY COLLEGE COURSE <i>Mathematics/Science Program, Chemistry Option</i>	Cr	RIDER UNIVERSITY COURSE/AREA SATISFIED <i>Chemistry, B.S. (120 Credits for the degree)</i>			Cr
CHEM 101 General Chemistry I	5	CHE 120 Principles of Chemistry (3) CHE 121 Principles of Chemistry Lab (1)			4
MATH 153 Pre-Calculus Mathematics	4	MTH 105 Algebra & Trigonometry			4
ENGL 121 English Composition: The Writing Process	3	CMP 120 Expository Writing			3
Humanities Credits Suggest: PHIL 227 Intro. to Ethics (HU,E) or Language	3-4	PHL 115 Ethics			3
	15-16				14
CHEM 102 General Chemistry I	5	CHE 122 Introduction to Chemical Systems (3) CHE 123 Quantitative Methods Lab (1)			4
ENGL 122 English Composition; Writing & Research	3	CMP 125 Research Writing			3
Social Sciences Suggest: SOC 101 Principles of Sociology (SS)	3	SOC 101 Sociological Imagination			3
MATH 171 Calculus I	4	MTH 210 Calculus I			4
	15				14
CHEM 203 Organic Chemistry I	5	CHE 211 Organic Chemistry I CHE 211L Organic Chemistry Lab I			4
MATH 172 Calculus II	4	MTH 211 Calculus II			4
PHYS 121 General Physics I	4	PHY 200 General Physics PHY 200L General Physics Lab I			4
Humanities or Social Sciences 3-4 ¹ Suggest: Language OR HIST 105 World Civilization I (HI, CG, HU) ANTH 105 Cultural Anthropology (HU, CG)	3-4	HIS 150 World History to 1500 SOC 110 Cultural Anthropology			3-4
	16/17				15/16
CHEM 204 Organic Chemistry II	5	CHE 214 Organic Chemistry II CHE 214L Organic Chemistry Lab II			4
PHYS 122 General Physics II	4	PHY 201 General Physics II PHY 201L General Physics Lab II			4
COMP 129 Information Technology Credits	3	CIS 185 Information Systems Essentials			3
Elective Credits	3	Liberal Arts Elective ^o			3
	15				14
Total	61/63	Total			60

Rider Course Option: ART 120 Art & Society	Art 120 Art & Society Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at Brookdale; students have the option to take a course at Rider that counts toward the Rider degree. See Brookdale Transfer & Advising Representatives. Contact information listed below.	3
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Brookdale Community College Footnotes:

1 – One course is recommended from the Cultural & Global Awareness knowledge area

All Career Studies Courses must be passed with a Grade of “C” or higher

NOTE: Upon enrolling at Brookdale students will take a math placement exam to determine an appropriate math class to take. Students may need to take MATH-151 or MATH-152 as prerequisites to MATH-153 or students may be placed directly in to MATH-171, Calculus and might need to make up those credits toward their A.S. degree.

The Transfer Advising Guide is a recommended plan of study. Additional courses are transferrable as outlined on NJ Transfer for this major with the approval of a Rider University Advisor.

Rider University Footnotes:

Students must earn a grade of “C” or better in BIO-115, BIO-116 and BIO-117 to meet their major requirements and before enrolling in upper-level courses for which these courses are prerequisites.

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

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

Brookdale students interested in the College of Continuing Studies (CCS) at Rider 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 Brookdale, indicate course number)
Rider students need to complete 120 credits for the Bachelor’s degree.			

Transfer Credit from Brookdale Community College limited to 60 credits.

FOR FURTHER INFORMATION, CONTACT

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