

TRANSFER ADVISING GUIDE

Mathematics/Science Program, Biology Option (A.S.) from Brookdale Community College to Biology (B.S.) at Rider University			
BROOKDALE COMMUNITY COLLEGE COURSE <i>Mathematics/Science Program: Biology Option</i>	Cr	RIDER UNIVERSITY COURSE/AREA SATISFIED <i>Biology, B.S.</i> <i>(120 Total Credits for degree)</i>	Cr
BIOL 101 General Biology I	4	BIO 115 Principles of Biology I BIO 115L Principles of Biology I Lab	4
CHEM 101 General Chemistry I	5	CHE 120 Principles of Chemistry CHE 121 L Principles of Chemistry Lab	4
ENGL 121 English Composition: The Writing Process	3	CMP 120 Expository Writing	3
Social Science Credit Suggest: ANTH 105 Cultural Anthropology <u>OR</u> SOC 101 Principles of Sociology	3	SOC 110 Cultural Anthropology SOC 101 Sociological Imagination	3
	15		14
BIOL 102 General Biology II	4	BIO 116 Principles of Biology II BIO 116L Principles of Biology II Lab	4
CHEM 102 General Chemistry II	5	CHE 122 Introduction to Chemical Systems CHE 123L Quantitative Methods Lab	4
ENGL 122 English Composition: Writing & Research	3	CMP 125 Research Writing	3
Humanities Suggest: HIST 105 World Civilization I	3	HIS 150 World History to 1500	3
	15		14
Career Studies Credits Suggest: BIOL 205 Invertebrate Zoology <u>OR</u> BIOL 207 Marine Biology <u>OR</u> BIOL 213 Microbiology	4	XTR 111 Transfer Credit BIO 272 Intro to Marine Biology BIO 315 Medical Microbiology	4
CHEM 203 Organic Chemistry I	5	CHE 211 Organic Chemistry I CHE 211L Organic Chemistry Lab	4
Humanities or Social Sciences Credits Suggest: HIST 106 World Civilization II ²	3	HIS 151 World History Since 1500	3
Mathematics Credits Suggest: MATH 153 Pre-Calculus Mathematics	4	MTH 105 Algebra & Trigonometry	3
	16		14
Career Studies Credits Suggest: BIOL 215 Cell & Molecular Biology	4	BIO 117 Principles of Biology II BIO 117L Principles of Biology Lab II	4
CHEM 204 Organic Chemistry II	5	CHE 214 Organic Chemistry II CHE 214L Organic Chemistry Lab	4
Technological Competency/General Education Credits COMP 126 Computer Logic & Design <u>OR</u> COMP 129 Information Technology	3	XTR 111 Transfer Credits CIS 185 Information Systems Essentials	3
Elective Credits 2-4 Suggest: MATH 171 Calculus I	4	Elective Credits ^v MTH 210 Calculus I	4
	16		15
Total	62	Total	57/60

Rider Course Option: PHL 115 Ethics	PHL 115 Ethics 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 & Rider Transfer Representatives. Contact Information listed below.	3
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Brookdale Community College Footnotes:

1 – BIOL 208 requires a prerequisite of MATH 131 in addition to BIOL 102. Prerequisites or corequisites: MATH 151 or MAT. 152

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

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

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

B Students may repeat any Biology (BIO) or Behavioral Neuroscience (BNS) course once without special permission. A course will be considered repeated if the student has previously earned a letter grade in the course, or the student has previously Withdrawal II or Withdrawal III. If a student wishes to retake a biology or behavioral science course a third time, written permission must be obtained from the departmental chair before the registrar will allow the student to enroll in that course.

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

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

Brookdale students interested in the College of Continuing Study (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 BIOLOGY AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Brookdale, indicate course number)
Biology Major		62 -63	

Transfer credits subject to a 60 credit limit.

FOR FURTHER INFORMATION, CONTACT

Ann Tickner Jankowski
Director, Transfer Resources/Articulation
Brookdale Community College
732.224.2015
ajankowski@brookdalecc.edu

Shannon Conte
Sr. Assistant Director of Transfer Admission
Rider University
609.896.5000 X 7159
contes@rider.edu