

TRANSFER ADVISING GUIDE

Environmental Science Program (A.S.) from Brookdale County College to Environmental Sciences (B.S.) at Rider University							
<i>BROOKDALE COMMUNITY COLLEGE COURSE</i>			Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>			Cr
<i>Environmental Science Program, A.S.</i>				<i>Environmental Sciences, B.S. (120 Credits)</i>			
Fall Term – First Semester							
ENGL	121	English Composition	3	CMP	120	Expository Writing	3
BIOL	101	General Biology I	4	BIO	115	Principles of Biology I (3)	4
				BIO	115L	Principles of Biology I (1)	
ENVR	107	Environmental Science	4	ENV	100	Intro to Environmental Science	4
Humanities General Education Requirement Suggest: Foreign Language (Required at Rider – 6 credits same lang.)			3-4	Foreign Language Core ^U			3
			14/15				14
Spring Term – Second Semester							
ENGL	122	English Composition	3	CMP	125	Research Writing	3
BIOL	102	General Biology II	4	BIO	116	Principles of Biology II (3)	4
				BIO	116L	Principles of Biology II Lab (1)	
ENVR	108	Principles of Sustainability	3	SUS	100	Introduction to Sustainability	4
MATH	153	Pre-Calculus Mathematics	4	MTH	105	Algebra & Trigonometry	4
OR					OR		
MATH	171	Calculus I		MTH	210	Calculus I	4
			14				14
Summer Term							
Career Studies Credits Suggest: BIOL 207 Marine Biology (4)			4	BIO	272	Intro to Marine Biology (3)	4
				BIO	272L	Intro to Marine Biology (1)	
			4				4
Fall Term – Third Semester							
CHEM	101	General Chemistry I	5	CHE	120	Principles of Chemistry I (3)	4
				CHE	121	Principles of Chemistry I Lab (1)	
BIOL	208*	Ecology & Field Biology	4	BIO	350	General Ecology (3)	4
				BIO	350L	General Ecology Lab (1)	
ENVR	111	Oceanography	4	MAR	120	Oceanography (3)	4
				MAR	121	Oceanography Lab (1)	
Social Science Any Social Science Gen. Ed course Suggest:			3				3
SOCI	101	Principles of Sociology		SOC	101	Sociological Imagination	
			16				15
Spring Term - Fourth Semester							
CHEM	102	General Chemistry II	5	CHE	122	Intro to Chemical Systems (3)	4
				CHE	123	Quantitative Methods Lab (1)	
POLI	228**	Environmental Politics & Policy	3	POL	328	Environmental Policy & Politics (Group C Requirement)	3

Humanities Suggest: Foreign Language (Required at Rider – 6 credits same lang.) OR Social Science	3	Foreign Language Core ^σ OR	3
Career Studies: COMPLETE LIST OF BROOKDALE CAREER STUDIES CREDITS - STUDENTS NEED TO TAKE 7 – 8 CREDITS FROM THE FOLLOWING COURSES: BIOL 205 Invertebrate Zoology (4) OR BIOL 206 Vertebrate Zoology (4) ENVR 225 Energy & the Environment (4) ENVR 126 Introduction to GIS (3) ENVR 127 Meteorology (4) ENVR 130 Physical Geology(4) (NEW NUMBER) MATH 131 Statistics (4) Physics: Choice of Calculus or Non-Calculus: PHYS 111 General Physics I (Non-Calculus) (4) PHYS 112 General Physics II (Non-Calculus) (4) PHYS 121 General Physics I (4) PHYS 122 General Physics II (4) COMP 129 Information Technology	3/4	Group A Elective (Biotic Processes) (4) OR Group A Elective (Biotic Processes) (4) PHY 104 Energy Environment & Man (3) ENV 205 Introduction to GIS (3) ENV 220 Weather & Climate Change (3) (Pre-Requisite GEO-100) GEO 100 Earth Systems Science (3) GEO 102 Earth Materials Lab (1) ENV 200 Computer & Statistical App. (4) PHY 100 Principles of Physics I (3) PHY 100L Principles of Physics I Lab (1) PHY 101 Principles of Physics II (3) PHY 101L Principles of Physics II Lab (1) PHY 200 General Physics I (3) PHY 200L General Physics I Lab (1) PHY 201 General Physics II (3) PHY 201L General Physics II Lab (1) CIS 185 Computer Systems Essentials	3/4
	3 ⁽¹⁾		3
	14/18		13
	63/66		60

Rider Course Option: ENV-220-Weather, Climate & Change (3) ENV-205-Intro. to Geographical Info. Systems (3) ENV-340-Environmental Field Methods and Data Analysis (3) (course to be approved Spring 2016) BIO-227-Introduction to Marine Biology (3) BIO-227L-Marine Biology Lab (1)	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.	3/4
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Brookdale Community College Footnotes:

- (1) – Students are required to complete 0-4 General Education credits in Technological Competency. A student may be waived from the requirement by taking a course designated as (t) such as ENVR-126 or by passing a proficiency exam. Students must complete a minimum of 30 general education credits for an A.S. degree.
- (2) BIOL-208 requires a pre-requisite of MATH-131

*Offered Fall Term only

**Offered Spring Term Only

***Offered Summer Term Only.

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

Rider University Footnotes

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 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 ENVIRONMENTAL SCIENCE 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 suggests that the Brookdale student contact the Rider Sr. Assistant Director of Admission as early in the transfer process at possible. From this point the Brookdale student will be connected to the Environmental Science faculty to further guide course selection in addition to the Transfer Advising Guide.
			Brookdale students need to complete 120 credits for the Rider Bachelor degree.

FOR FURTHER INFORMATION, CONTACT

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