

TRANSFER ADVISING GUIDE

Mathematics/Science Program: Mathematics Option (A.S.) Brookdale Community College to Mathematics (B.A.) at Rider University				
<i>BROOKDALE COMMUNITY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>		
<i>Mathematics/Science Program, Mathematics Option, A.S.</i>		<i>Mathematics, B.A. (120 Credits)</i>		
MATH 131 Statistics	4	MTH 120 Intro. To Applied Statistics	4	
MATH 171 Calculus I	4	MTH 210 Calculus I	4	
ENGL 121 English Composition: The Writing Process	3	CMP 120 Expository Writing	3	
Humanities Credits Suggest: Language <u>OR</u> HIST 105 World Civilization I	3/4	Language (4) HIS 150 World History to 1500 (3)	3/4	
	14/15		14/15	
MATH 172 Calculus II	4	MTH 211 Calculus II	4	
PHYS 121 General Physics I	4	PHY 200 General Physics I	4	
ENGL 122 English Composition: Writing and Research	3	CMP 125 Research Writing	3	
Social Science Credits Suggest: SOCI 101 Principles of Sociology	3	SOC 101 Sociological Imagination	3	
Career Studies Credits Suggest: MATH 285 Linear Algebra (3) To be taken in summer II term	3	MTH 240 Linear Algebra	3	
	17		17	
MATH 273 Calculus III	4	MTH 212 Calculus III	4	
PHYS 122 General Physics II	4	PHY 201 General Physics II	4	
Humanities or Social Sciences Suggest: Language <u>OR</u> HIST 106 World Civilization II	3/4	Language (4) HIS 151 World History since 1500	3/4	
Technological Competency ¹ Suggest: COMP 126 Computer Logic & Design	3	General Elective ^Ω	3	
Elective Credits Suggest: COMP 171 Programming I	3	General Elective ^Ω	3	
	17/18		17/18	
MATH 274 Elementary Differential Equations	4	MTH 274 Differential Equations	4	
General Education Credits ² Suggest: ANTH 105 Cultural Anthropology	3	LAS Elective ^Ω SOC 110 Cultural Anthropology (Social Sci. Core)	3	
General Education ³ or Elective Credits: Suggest: ARTH 105 Art Appreciation	3	LAS Elective ^Ω ART 120 Art & Society	3	
Elective Credits: Suggest: English Course (Literature for Rider – see Attachment A)	0/3	LAS Elective ^Ω LAS CORE (See Attachment A for CORE course selection)	0/3	
	10/13		10/13	
Total Credits:	60/63		60	

Rider Course Option: PHIL 227 Introduction to Ethics	PHL 115 Ethics (3) 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 Sequence Notes:

**The above Physics sequence is highly recommended. However, subject to counselor approval, students may substitute the BIOL 101/102 sequence or the CHEM 101/102 sequence.*

***MATH 151, MATH 152 and/or MATH 153 may be required if prerequisites for MATH 171 are not satisfied.*

****It is strongly advised that students taking MATH 274 have had Physics.*

*****Students selecting COMP 132 or COMP 171 as an elective are required to take COMP 126 as a prerequisite or corequisite.*

(1) A minimum of 9 credits are required from the [Mathematics](#), [Science](#) or [Technological Competency](#) categories.

(2) One course is recommended from the [Cultural and Global Awareness](#) knowledge area.

(3) Students are required to complete a minimum of 30 credits of General Education coursework.

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 Notes:

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 ‘C’ or higher 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 MATHEMATICS AT RIDER UNIVERSITY

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

Brookdale transfer students are subject to a 60 credit limit.

FOR FURTHER INFORMATION, CONTACT

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Attachment A

Suggested Equivalent English Courses from Brookdale to Rider for the Mathematics CORE

Brookdale Community College Course List:	Rider University Course List:
ENGL 206 Approaches to Literary Studies (3)	ENG 205 Understanding Literature (3)
ENGL 150 African American Literature (3)	ENG 228 Black American Literature (3)
ENGL 155 The Short Story (3)	ENG 290 The Short Story (3)
ENGL 156 Introduction to Poetry (3)	ENG 270 Major Americana Poets (3)
ENGL 158 Introduction to Literature (3)	ENG 205 Understanding Literature (3)
ENGL 175 Women As Author (3)	ENG 230 Women in Literature (3)
ENGL 245 American Literature I (3)	ENG 210 Major American Authors (3)
ENGL 246 American Literature II (3)	ENG 210 Major American Authors
ENGL 229 Representing Gender (3)	ENG 230 Women in Literature (3)
ENGL 275 Shakespeare's Plays (3)	ENG 217 Intro to Shakespeare (3)