

TRANSFER ADVISING GUIDE

Biology (A.S.) from Middlesex County College to Biology (B.S.) at Rider University

<i>MIDDLESEX COUNTY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>	Cr
<i>Biology, A.S.</i>		<i>Biology, B.S. (120 Credits)</i>	
Semester I			
BIO 123 General Biology I	4	BIO 115 Principles of Biology I (3) BIO 115L Principles of Biology I Lab (1)	4
CHM 121 General Chemistry I (3) CHM 125 General Chemistry I Lab (1)	4	CHE 120 Principles of Chemistry I (3) CHE 121 Principles of Chemistry I Lab (1)	4
ENG 121 English Composition I	3	CMP 120 Expository Writing	3
MAT 129 Pre-Calculus I OR MAT 131 Analytic Geometry & Calculus I	4	MTH 105 Algebra & Trigonometry OR MTH 210 Calculus I	4
Physical Education Electives	1/3	NOT TRANSFERRABLE	0
	16/17		15
Semester II			
BIO 124 General Biology II	4	BIO 116 Principles of Biology II (3) BIO 116L Principles of Biology II Lab (1)	4
CHM 122 General Chemistry II (3) CHM 126 General Chemistry II Lab (1)	4	CHE 122 Intro to Chemical Systems CHE 123 Quantitative Methods Lab	4
ENG 122 English Composition II	3	CMP 125 Research Writing	3
MAT 131 Analytic Geometry & Calculus I OR MAT 132 Analytic Geometry & Calculus II	4	MTH 210 Calculus I OR MTH 211 Calculus II	4
	15		15
Semester III			
BIO 221 Microbiology	4	BIO 215 Medical Microbiology	4
PHY 123 General Physics I (3) PHY 125 General Physics I Lab (1)	4	PHY 100 Principles of Physics I (3) PHY 100L Principles of Physics I Lab (1)	4
Gen. Education Social Science Elective Suggest: PSY 123 Introduction to Psychology	3	PSY 100 Intro to Psychology	3
Gen. Education Humanities Elective Suggest: Select 2 language in sequence from (FRE; GER; ITA; SPA)	3	Foreign Language Core ^o	3
CSC 106 Intermediate PC App. & Programming	3	CIS 185 Information Systems Essentials	3
	17		17
Semester IV			
Biology Elective	4	Biology Elective ^o	4
PHY 124 General Physics II (3) PHY 126 General Physics II Lab (1)	4	PHY 101 Principles of Physics II (3) PHY 101L Principles of Physics II Lab (1)	4
Gen Ed. Humanities Elective Suggest: Select 2 language in sequence from (FRE; GER; ITA; SPA)	3	Foreign Language Core ^o	3
Gen. Ed. Social Science Elective Suggest: SOC 121 Introduction to Sociology	3	SOC 101 Sociological Imagination	3

Science/Mathematics Program Elective Select From: BIO-228; BIO-229; CHM-221 & CHM-227; MAT-132.	3/4	BIO-265; BIO-260 & BIO-260L; CHE-211 & CHE-211L; MTH-211.	3/4
	17/18		17/18
	62/65		60

FREE COURSE: Rider Course Option: BIO-260/BIO 260L - Principles of Biology: Evolution, Diversity & Biology of Cells (4) & BIO-260L-Principles of Biology: Cells Lab (0) (Previously BIO-117/117L-Cell and Molecular Biology(4) <u>OR</u> PHL-115- Ethics (3)	Following completion of the Rider Intent to Enroll Form and while a student at Middlesex; students have the option to take a <u>free</u> course at Rider that counts toward the Rider degree. This course allows the Middlesex student to experience first-hand the academic environment at Rider. See Middlesex and Rider Transfer Representatives for additional information. All contact information is listed below.	3/4
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Rider University Footnotes:

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

For transfer credit the Middlesex student must have a grade of “C” or higher in all courses. (No transfer credit will be accepted for any course with a grade of “C-“ or below.)

Middlesex 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 OF SCIENCE DEGREE IN BIOLOGY AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Middlesex, indicate course number)
Middlesex students need to complete 120 credits for the Rider Bachelor degree in Biology.			

FOR FURTHER INFORMATION, CONTACT:

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