

AN ARTICULATION AGREEMENT
BETWEEN
ROBERT MORRIS UNIVERSITY
AND
COMMUNITY COLLEGE OF BEAVER COUNTY

OBJECTIVE OF THE AGREEMENT

Based on the commonality of purpose and a mutual goal of assuring a quality education, Community College of Beaver County and Robert Morris University enter into the following articulation agreement. The primary objective of this agreement is to maximize credit transferability while retaining all Robert Morris academic requirements and providing a rigorous program of study. This agreement will afford students the opportunity to realize their educational goals and enhance their future employability through a curriculum that is both challenging and rewarding.

TERMS AND CONDITIONS OF THE AGREEMENT

This agreement applies to Community College of Beaver County (CCBC) graduates with an earned Associate in Sciences Degree in Biological Sciences who plan to enter Robert Morris University (RMU) in a major under the Bachelor of Science degree program majoring in Biology.

Up to 60 credits will be granted to students who have successfully completed an Associate Degree provided that:

- Students have completed the curriculum as outlined in the CCBC 2016-2017 College catalog
- Students have fulfilled grade requirements of the major into which they are transferring.

Courses completed at other academic institutions do not affect the nature or scope of this agreement. Said courses will be evaluated according to the Academic Policies of RMU regarding transfer credits.

RMU will provide an official evaluation of all previously completed coursework and placement of those credits at the time of application.

RMU reserves the right to change program requirements and/or transfer equivalents.

Notice of changes in program requirements by any party of this agreement must be given in writing in a timely manner.

Termination of this agreement may be made by any party, and must be in writing.

Students who sign a letter of intent are indicating their interest in attending RMU and will be entitled to:

- a waiver of the RMU application fee
- advanced registration along with RMU students
- participation in department functions and activities while enrolled at CCBC

However, this letter of intent does not obligate students to attend RMU. Students who sign a letter of intent must matriculate within three years.

CCBC will properly advertise and will provide information regarding RMU, its academic programs, requirements, and services extended to the transfer graduate under the terms of this agreement.

CCBC will communicate with the RMU Academic Services Office regarding issues and questions posed by participating students.

CCBC will provide the RMU Admissions Office with the names and addresses of CCBC students who have indicated an interest in attending RMU and would benefit from major department activity information.

The undersigned duly authorized officials agree to abide by the above terms and conditions.

APPROVED BY:

COMMUNITY COLLEGE OF BEAVER COUNTY ROBERT MORRIS UNIVERSITY

Christopher M. Reber, Ph.D. Date
President

Christopher B. Howard, D. Phil. Date
President

ROBERT MORRIS UNIVERSITY

ACADEMIC REQUIREMENTS FOR

School: Engineering, Mathematics, and Science
Department: Science

Bachelor of Science

Major: BIOLOGY

Minimum Credits Required - 120

1. ROBERT MORRIS UNIVERSITY CORE—41 Credits

BIOL1310	Principles of Biology	3BIOL101
BIOL1315	Principles of Biology Laboratory	1BIOL101
COSK1220	Reading and Writing Strategies	3WRIT101
COSK1221	Argument and Research	3
COSK2220	Public Speaking and Persuasion	3COMM201
COSK2230	Professional Communications	3
ECON1010	Survey of Economics	3
ELIT	Literature Elective**	3LITR210

HIST	History Elective** or	3
POLS	Political Science Elective**	
(**Choose from: HIST1100, HIST1200, HIST1500, HIST1600, HIST1700, HIST1800 or POLS1020)		
HUMA1010	Humanities: Art and Music	3TRAN
INFS1020	Introduction to Decision Support Syst.	3CIST100
MATH2070	Calculus with Analytic Geometry I	4MATH160
PSYC1010	General Psychology	3PSYC101
SOCI1010	Principles of Sociology or	3SOCI101
SOCI1020	Contemporary American Social Problems	

2. FUNDAMENTAL SCIENCE/STATISTIC COURSES—43 Credits

*BIOL2310	Principles of Biology II	3BIOL102
*BIOL2315	Principles of Biology II Laboratory	1BIOL102
*BIOL3570	Comparative Vertebrae Anatomy	3
*BIOL3580	Comparative Vertebrae Anatomy Lab	1
*BIOL3650	Comparative Vertebrae Physiology	3
*BIOL3660	Comparative Vertebrae Physiology Lab	1
*CHEM1210	Chemistry I	3CHEM101
*CHEM1215	Chemistry I Laboratory	1CHEM101
*CHEM2210	Chemistry II	3CHEM102
*CHEM2215	Chemistry II Laboratory	1CHEM102
*CHEM2320	Organic Chemistry I	3TRAN

*CHEM2325	Organic Chemistry I Laboratory	1TRAN
*CHEM2420	Organic Chemistry II	3TRAN
*CHEM2425	Organic Chemistry II Laboratory	1TRAN
*ENVS2500	Ecology Fundamentals	3BIOL205
*ENVS2550	Ecology Fundamentals Laboratory	1BIOL205
*PHYS1210	General Physics I	3
*PHYS1215	General Physics I Laboratory	1
*PHYS2210	General Physics II	3
*PHYS2215	General Physics II Laboratory	1
*STAT2110	Statistics	3

3. MAJOR—27 Credits

*BIOL2370	Microbiology	3BIOL215
*BIOL2380	Microbiology Laboratory	1BIOL215
*BIOL2470	Botany	3
*BIOL2480	Botany Laboratory	1
*BIOL2570	Zoology	3
*BIOL2580	Zoology Laboratory	1
*BIOL3370	Cell and Molecular Biology	3
*BIOL3375	Cell and Molecular Biology Laboratory	1

*BIOL3470	Human Genetics	3
*BIOL3475	Human Genetics Laboratory	1
*BIOL3640	Computational Biology or	4
*BIOL4200	Animal Behavior and BIOL4250 Lab or	
*BIOL4270	Immunology and BIOL4275 Lab or	
*BIOL4470	Embryology and BIOL4475 Lab	
*BIOL4700	Senior Thesis or	3
*BIOL4903	Biology Internship	

4. OPEN ELECTIVES—9 Credits Minimum

MATH155	Pre-Calculus	3MATH1020
		3

		3
--	--	---

IMPORTANT NOTES:

Up to 52 credits will apply to this degree program at CCBC. A possible 60 if Organic Chem I & II w/labs are taken outside of RMU at an approved institution.

*A minimum grade of C must be earned in each course identified with an asterisk.

All students must take 12 credits of Communication Skills as part of the RMU Core Curriculum. Depending upon placement testing scores, students will take COSK1220 or COSK2221 in addition to COSK1221, COSK2220, and COSK2230. If placed in COSK1220, a student's Core requirements are Communication Skills COSK1220, COSK1221, COSK2220, and COSK2230. If placed in COSK1221 (advanced placement; no credit earned for COSK1220), a student's Core requirements are Communication Skills COSK1221, COSK2220, COSK2221, and COSK2230. Upon completion of the COSK courses, students must complete a component of courses (the specific number is determined by the student's "academic" School) to meet one of the requirements for graduation. These courses called "Communication Skills Intensive" are integrated into the degree as part of the "major" areas of the checksheet.

SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS

CCBC COURSES		RMU EQUIVALENT	
CRSE NO	COURSE TITLE	CRSE NO	COURSE TITLE
First Semester			
BIOL101	General Biology I	BIOL1310	Prin of Biology I and Lab (BIOL1315)
CHEM101	General Chemistry I	CHEM1210	Chemistry I and Lab (CHEM1215)
MATH155	Pre-Calculus (TAOC Category Three)	MATH1020	Pre-Calculus (Open Elec.)
CIST100	Introduction to Information Technology	INFS1020	Intro to Decision Support Systems
WRIT101	English Composition I	COSK1220	Reading/Writing Strategies
Second Semester			
BIOL102	General Biology II	BIOL2310	Prin of Biology II and Lab (BIOL2315)
CHEM102	General Chemistry II	CHEM2210	Chemistry II and Lab (CHEM2215)
LITR210	Concepts in Literature	ELIT_____	Literature Elective
MATH160	Calculus I (TAOC Category Three)	MATH2070	Calculus w/Analytic Geometry I
Third Semester			
BIOL215	Microbiology	BIOL2370	Microbiology and Lab (BIOL2380)
COMM201	Public Speaking	COSK2220	Public Speaking and Persuasion
PSYC101	General Psychology	PSYC1010	General Psychology
	Organic Chemistry I and Lab (CHEM2325)	CHEM2320	Organic Chemistry I and Lab (CHEM2325)
Fourth Semester			
BIOL205	Ecology	ENVS2500	Ecology Fundamentals and Lab (ENVS2550)
PHIL101	Introduction to Philosophy or PHIL110	HUMA1010	Humanities: Art and Music
SOCI101	Principles of Sociology	SOCI1010	Principles of Sociology
	Organic Chemistry II and Lab (CHEM2425)	CHEM2420	Organic Chemistry II and Lab (CHEM2425)

Students are also encouraged to take up to 9 credits from the following selection to maximize credit transfer:

- Any HIST or POLS course
- BUSM255 Macroeconomics or BUSM256 Microeconomics
- Open Elective

Maximum of 69 credits can transfer