

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

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Christopher B. Howard, D. Phil.      Date  
President



**ROBERT MORRIS UNIVERSITY**

**School: Engineering, Mathematics, and Science**  
**Department: Science**

**ACADEMIC REQUIREMENTS FOR**  
**Bachelor of Science**  
**Major: BIOLOGY**  
**Minimum Credits Required - 120**

**1. ROBERT MORRIS UNIVERSITY CORE—41 Credits**

BIOL1310 Principles of Biology	3BIOL101	HIST____ History Elective** or	3____
BIOL1315 Principles of Biology Laboratory	1BIOL101	POLS____ Political Science Elective**	
COSK1220 Reading and Writing Strategies	3WRIT101	(**Choose from: HIST1100, HIST1200, HIST1500, HIST1600, HIST1700, HIST1800 or POLS1020)	
COSK1221 Argument and Research	3____	HUMA1010 Humanities: Art and Music	3TRAN
COSK2220 Public Speaking and Persuasion	3COMM201	INFS1020 Introduction to Decision Support Syst.	3CIST100
COSK2230 Professional Communications	3____	MATH2070 Calculus with Analytic Geometry I	4MATH160
ECON1010 Survey of Economics	3____	PSYC1010 General Psychology	3PSYC101
ELIT____ Literature Elective**	3LITR210	SOCI1010 Principles of Sociology or	3SOCI101
		SOCI1020 Contemporary American Social Problems	

**2. FUNDAMENTAL SCIENCE/STATISTIC COURSES—43 Credits**

*BIOL2310 Principles of Biology II	3BIOL102	*CHEM2325 Organic Chemistry I Laboratory	1TRAN
*BIOL2315 Principles of Biology II Laboratory	1BIOL102	*CHEM2420 Organic Chemistry II	3TRAN
*BIOL3570 Comparative Vertebrae Anatomy	3____	*CHEM2425 Organic Chemistry II Laboratory	1TRAN
*BIOL3580 Comparative Vertebrae Anatomy Lab	1____	*ENVS2500 Ecology Fundamentals	3BIOL205
*BIOL3650 Comparative Vertebrae Physiology	3____	*ENVS2550 Ecology Fundamentals Laboratory	1BIOL205
*BIOL3660 Comparative Vertebrae Physiology Lab	1____	*PHYS1210 General Physics I	3____
*CHEM1210 Chemistry I	3CHEM101	*PHYS1215 General Physics I Laboratory	1____
*CHEM1215 Chemistry I Laboratory	1CHEM101	*PHYS2210 General Physics II	3____
*CHEM2210 Chemistry II	3CHEM102	*PHYS2215 General Physics II Laboratory	1____
*CHEM2215 Chemistry II Laboratory	1CHEM102	*STAT2110 Statistics	3____
*CHEM2320 Organic Chemistry I	3TRAN		

**3. MAJOR—27 Credits**

*BIOL2370 Microbiology	3BIOL215	*BIOL3470 Human Genetics	3____
*BIOL2380 Microbiology Laboratory	1BIOL215	*BIOL3475 Human Genetics Laboratory	1____
*BIOL2470 Botany	3____	*BIOL3640 Computational Biology or	4____
*BIOL2480 Botany Laboratory	1____	*BIOL4200 Animal Behavior and BIOL4250 Lab or	
*BIOL2570 Zoology	3____	*BIOL4270 Immunology and BIOL4275 Lab or	
*BIOL2580 Zoology Laboratory	1____	*BIOL4470 Embryology and BIOL4475 Lab	
*BIOL3370 Cell and Molecular Biology	3____	*BIOL4700 Senior Thesis or	3____
*BIOL3375 Cell and Molecular Biology Laboratory	1____	*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**

<b>CCBC COURSES</b>		<b>RMU EQUIVALENT</b>	
<b>CRSE NO</b>	<b>COURSE TITLE</b>	<b>CRSE NO</b>	<b>COURSE TITLE</b>
<b>First Semester</b>			
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
<b>Second Semester</b>			
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
<b>Third Semester</b>			
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)
<b>Fourth Semester</b>			
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