

**Articulation Agreements
Between
Berkshire Community College
And
Massachusetts College of Liberal Arts**

Spring 2015

**Associates of Arts in Liberal Arts -
Bachelor of Arts in Biology/Biotechnology Concentration**

This agreement is for the purpose of establishing academic articulation agreements between Berkshire Community College and Massachusetts College of Liberal Arts in the following programs:

A.A., Biological Science concentration
B.S., Biology: Allied Health Concentration
B.S., Biology: Biotechnology Concentration
B.S., Biology: Medical technology Concentration
B.S., Biology: Pre-Professional Concentration
B.S., Biology: Pre-Physical Therapy Concentration
B.S., Biology: Traditional Biology

MCLA guarantees the following privileges to BCC students completing the programs listed above:


- Admission to MCLA for transfer students with the Associates as listed above with a minimum of a 2.0 grade point average.
- Admission with junior status, based on credits accepted to MCLA, unless otherwise noted in course equivalency.
- Transfer of credits as stated in attached course equivalency guides.
- Benefits of the Mass Transfer for Associate programs.

Other conditions of these agreements:


- MCLA will provide advising services to BCC students scheduled throughout the academic year.
- MCLA and BCC will review and revise agreements including course requirement changes on an annual basis.
- MCLA and BCC will publish articulation agreements in college publications and course catalogs.

This Agreement is in effect upon the signing by all parties per this signature page.

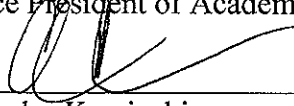
BCC Officials




Dr. Ellen Kennedy
President, BCC



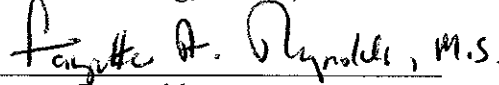
Dr. Frances Feinerman
Vice President of Academic Affairs



Charles Kaminski
Dean of, Business, Science, Mathematics
& Technologies

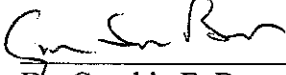


Anna Foss
Dean of Nursing, Health, and Social Sciences

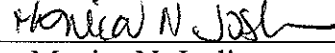


Fayette Reynolds, M.S.
Fayette Reynolds
Chair, Biology

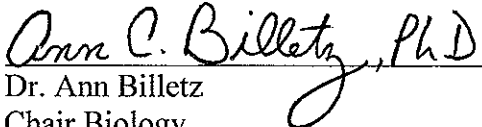
MCLA Officials



Dr. Cynthia F. Brown
Interim President, MCLA



Dr. Monica N. Joslin
Vice President of Academic Affairs



Dr. Ann Billetz
Chair Biology

**AGREEMENT FOR ARTICULATION BETWEEN
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<u>BCC Program Requirements</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIO 150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology II;
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202,
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health;
Literature	ENG	CCCA207, ENGL250, or TREN200		Major	4	PHY 101, College Physics I; PHY 102, College Physics II. Completion of an
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both
Science Electives (see note 1)						the Natural or Physical Science and the Environmental Studies requirements.
General Biology II	BIO 102	Botany OR Zoology	BIO 235 OR 245	Major	4	It is recommended that students take PHY 101 and PHY 102.
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIO 320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
						=8 elective credits
General Education						
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200		Core	3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilizations	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science						
Environmental Studies (see note 1)		Biology Elective	TRBI 100	Elective	3	
Elective					4	
					3	

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Credits/Courses left to complete at MCLA

I. Core Curriculum	3 credits	
Mass Transfer program waives lower level Core Curriculum Requirements		3
CCAP 300 Capstone		
III. Allied Health Concentration	32 credits	*24 credits if Microbiology and General Biology II electives taken
BIOL 235 Botany or BIOL 245 Zoology		4 * General Biology II can transfer in as Botany OR Zoology
BIOL 240 Genetics		4
BIOL 250 Nutrition		3
BIOL 320 Microbiology		4 * May have been taken as a BCC elective
BIOL 330 Seminar		1
BIOL 330 Seminar		1
BIOL 342 Anatomy & Physiology I		4 * If taken at BCC, can retake for upper-level credit or choose an alternate upper-level course
BIOL 343 Anatomy & Physiology II		4 * If taken at BCC, can retake for upper-level credit or choose an alternate upper-level course
BIOL 480 Cell Biology		4
Biology Electives, upper division biology courses (excluding BIOL 316, 336, 337, 338, 484)		3

III. Electives (upper level) 15 credits * 19 credits if Microbiology taken

IV. Electives (any level) 6 credits * 10 credits if General Biology II taken

IV. Physical Education 2 Credits

39 upper-level credits		
BCC	0	* 4 if Microbiology elective taken
MCLA	39	* 35 if Microbiology elective taken

120 total credits		
BCC	62	
MCLA	58	

**AGREEMENT FOR ARTICULATION BETWEEN
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**A.A.
Liberal Arts
Biological Science Concentration
Berkshire Community College**

**to B.S.
Biology
Massachusetts College
of Liberal Arts**

<u>BCC Program Requirements.</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIOL 150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology I; BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202, Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health; PHY 101, College Physics I; PHY 102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. It is recommended that student takes PHY 101 and PHY 102
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	
Science Electives (see note 1)						
General Biology II	BIO 102	Botany OR Zoology	BIOL 235 OR 245	Major	4	
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIOL 320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
General Education					=8 elective credits	
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilization	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science					3	
Environmental Studies (see note 1)		Biology Elective	TRBI 100	Elective	4	
Elective					3	

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Credits/Courses left to complete at MCLA

I. Core Curriculum **3 credits**
 Mass Transfer program waives lower level Core Curriculum Requirements
 CCAP 300 Capstone 3

II. Biology Foundation Courses **12 Credits**
 BIOL 235 Botany 4 * 8 credits if General Biology II taken
 BIOL 240 Genetics 4 * General Biology II can transfer in as Botany OR Zoology
 BIOL 245 Zoology 4 * General Biology II can transfer in as Botany OR Zoology

III. Biotechnology Concentration **30 Credits**
 BIOL 330 Biology Seminar 1 *26 credits if Microbiology taken
 BIOL 330 Biology Seminar 1
 BIOL 320 Microbiology 4 * May have been taken at BCC
 BIOL 360 Biochemistry 3
 BIOL 310 Animal Physiology 4
 BIOL 390 Biometry 3
 BIOL 480 Cell Biology 4
 BIOL 410 Biotechniques 4
 BIOL 4XX Bioinformatics 3
 CSCI 243 Database Development 3

IV. Electives Upper Level **9 credits**

V. Electives Any Level **2 credits**

IV. Physical Education **2 Credits**

39 upper-level credits
 BCC 0 * 4 if Microbiology elective taken
 MCLA 39 * 35 if Microbiology elective taken

120 total credits
 BCC 58
 MCLA 62

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A.A. Liberal Arts
Biological Science Concentration
Berkshire Community College

to B.S.
Biology
Massachusetts College
of Liberal Arts

<u>BCC Program Requirements</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIOL 150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology II; BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202, Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health; PHY 101, College Physics I; PHY 102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. MCLA recommends student takes BIO 201 and BIO 202.
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	
Science Electives (see note 1)						
General Biology II	BIO 102	Botany OR Zoology	BIOL 235 OR 245	Major	4	
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIOL 320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
General Education					=8 elective credits	
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilizations	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science					3	
Environmental Studies (see note 1)					4	
Elective		Biology Elective	TRBI 100	Elective	3	

MEDTECH

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Credits/Courses left to complete at MCLA

I. Core Curriculum **3 credits**
Mass Transfer program waives lower level Core Curriculum Requirements
CCAP 300 Capstone **3**

II. Biology Foundation Courses **12 Credits** *** 8 credits if General Biology II taken**
BIOL 235 Botany **4** *** General Biology II can transfer in as Botany OR Zoology**
BIOL 240 Genetics **4**
BIOL 245 Zoology **4** *** General Biology II can transfer in as Botany OR Zoology**

Medical Technology Concentration **36 Credits**
BIOL 330 Seminar **1**
BIOL 305 Immunology **3**
BIOL 491 BMC: Clinical Chemistry **8**
BIOL 492 BMC: Clinical Molecular Biology **1**
BIOL 493 BMC: Clinical Immunology **1**
BIOL 494 BMC: Clinical Hematology **8**
BIOL 495 BMC: Clinical Urinalysis & Body Fluid **1**
BIOL 496 BMC: Clinical Microbiology **8**
BIOL 497 BMC: Clinical Immunohematology **5**

III. Electives **5 Credits** ***9 credits if General Biology II taken**

IV. Physical Education **2 Credits**

39 upper-level credits
BCC **0** ***4 if Microbiology elective taken**
MCLA **39** ***35 if Microbiology elective taken**

120 total credits
BCC **62**
MCLA **58**

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A.A.
Liberal Arts
Biological Science Concentration
Berkshire Community College

to

B.S.
Biology
Massachusetts College
of Liberal Arts

<u>BCC Program Requirements</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIO1.150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology II; BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202, Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health; PHY 101, College Physics I; PHY 102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. It is recommended that students take PHY 101 and PHY 102.
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	
Science Electives (see note 1)						
General Biology II	BIO 102	Botany OR Zoology	BIO1.235 OR 245	Major	4	
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIO1.320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
General Education					=8 elective credits	
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilizations	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science					3	
Environmental Studies (see note 1)					3	
Elective		Biology Elective	TRBI 100	Elective	4	
					3	

Pre-Professional

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Credits/Courses left to complete at MCLA

I. Core Curriculum	3 credits	
Mass Transfer program waives lower level Core Curriculum Requirements		
CCAP 300 Capstone	3	
II. Pre-Professional Concentration	31 credits	
BIOL 235 Botany	4	*23 credits if Microbiology and General Biology II electives taken
BIOL 240 Genetics	4	* General Biology II can transfer in as Botany OR Zoology
BIOL 245 Zoology	4	
BIOL 330 Seminar	1	
BIOL 330 Seminar	1	* General Biology II can transfer in as Botany OR Zoology
BIOL 360 Biochemistry	3	
BIOL 480 Cell Biology	4	
BIOL 310 Animal Physiology/BIOL 342 A&P II	4	
Biology Electives, upper division biology courses (excluding BIOL 316, 336, 337, 338, 484)	6	*2 credits if Microbiology elective taken

III. Electives (upper level)

13 credits

IV. Electives (any level)

6 credits

*10 credits if General Biology II taken

IV. Physical Education

2 Credits

39 upper-level credits

BCC	0	*4 if Microbiology elective taken
MCLA	39	*35 if Microbiology elective taken

120 total credits

BCC	62
MCLA	58

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A.A.
Liberal Arts
Biological Science Concentration
Berkshire Community College

to
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<u>BCC Program Requirements</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIOL 150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology II; BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202, Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health; PHY 101, College Physics I; PHY 102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. 2. It is recommended that student takes PHY 101 and PHY 102
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	
Literature	ENG	CCCA207, ENGL250, or TREN200		Major	3	
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	
Science Electives (see note 1)						
General Biology II	BIO 102	Botany OR Zoology	BIOL 235 OR 245	Major	4	
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIOL 320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
					=8 elective credits	
General Education						
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200		Core	3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilizations	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science (See Footnote 2)						
Environmental Studies (see note 1)		Biology Elective	TRBI 100	Elective	4	
Elective					3	

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Credits/Courses left to complete at MCLA

I. Core Curriculum **3 credits**
 Mass Transfer program waives lower level Core Curriculum Requirements
 CCAP 300 Capstone 3

II. Biology Foundation Courses **8 Credits** * 4 credits if General Biology II taken
 BIOL 240 Genetics 4
 BIOL 245 Zoology 4 * General Biology II can transfer in as Zoology

III. Pre-Physical Therapy Concentration **17 Credits**
 BIOL 330 Seminar 1
 BIOL 330 Seminar 1
 BIOL 342 Anatomy and Physiology I 4 * If taken at BCC, can retake for upper-level credit or choose an alternate upper-level course
 BIOL 343 Anatomy and Physiology II 4 * If taken at BCC, can retake for upper-level credit or choose an alternate upper-level course
 BIOL 440 Physical Aspects of Exercise 4
 BIOL 300+ Elective 3 *0 if Microbiology taken

IV. Electives Upper Level **19 Credits** *18 credits if Microbiology taken
V. Electives Any Level **9 credits** * 13 credits if General Biology II taken

IV. Physical Education **2 Credits**

 39 upper-level credits
 BCC 0 *4 if Microbiology elective taken
 MCLA 39 *35 if Microbiology elective taken

120 total credits
 BCC 62
 MCLA 58

**AGREEMENT FOR ARTICULATION BETWEEN
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And

A.A. Liberal Arts Biological Science Concentration Berkshire Community College	to B.S. Biology Massachusetts College of Liberal Arts
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<u>BCC Program Requirements</u>	<u>BCC#</u>	<u>MCLA Program Equivalencies</u>	<u>MCLA #</u>	<u>Core or Major</u>	<u>Credits</u>	<u>Notes:</u>
General Biology I	BIO 101	Introduction to Biology	BIOL 150	Major	4	1. Science Electives must be chosen from the following: BIO 102, General Biology II; BIO 109, Ecology I; BIO 110, Ecology II; BIO 201, Anatomy and Physiology I; BIO 202, Anatomy and Physiology II; BIO 207, Microbiology; ENV 251, Environmental Health; PHY 101, College Physics I; PHY 102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO 109 or BIO 110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. MCLA recommends students take PHY 101 and PHY 102.
Organic Chemistry I	CHM 201	Organic Chemistry I	CHEM 201	Major	4	
Organic Chemistry II	CHM 202	Organic Chemistry II	CHEM 202	Major	4	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Elementary Statistics	MAT 123	Intro to Statistics	MATH 232	Major	3	
Science Electives (see note 1)						
General Biology II	BIO 102	Botany OR Zoology	BIOL 235 OR 245	Major	4	
Ecology I	BIO 109	Biology Elective	TRBI 100	Elective	4	
Ecology II	BIO 110	Biology Elective	TRBI 100	Elective	4	
Anatomy and Physiology I	BIO 201	Biology Elective	TRBI 200	Major	4	
Anatomy and Physiology II	BIO 202	Biology Elective	TRBI 200	Major	4	
Microbiology	BIO 207	Microbiology	BIOL 320	Major	4	
Environmental Health	ENV 251	Biology Elective	TRBI 200	Elective	4	
Biotechnology	BIO 230	Biology Elective	TRBI 200	Elective	4	
College Physics I	PHY 101	General Physics I	PHYS 131	Major	4	
College Physics II	PHY 102	General Physics II	PHYS 132	Major	4	
					=8 elective credits	
General Education						
Introductory Chemistry I	CHM 101	Introduction to Chemistry I	CHEM 150	Major	4	
Introductory Chemistry II	CHM 102	Introduction to Chemistry II	CHEM 152	Major	4	
Communication	COM	English Elective	TREN 100	Elective	3	
English Composition/Writing	ENG	College Writing I & II	ENGL 150	Core	3	
Literature	ENG	CCCA207, ENGL250, or TREN200			3	
Western Civilization I	HIS 113	Pre-Modern World Civilization	HIST 103	Core	3	
Western Civilization II	HIS 114	Modern World Civilizations	HIST 104	Core	3	
Precalculus I (or higher)	MAT 121	Precalculus	MATH 150	Core	3	
Behavioral and Social Science					3	
Environmental Studies (see note 1)					3	
Elective		Biology Elective	TRBI 100	Elective	4	
					3	