

ARTICULATION AGREEMENT

Between the

Associate in Science Degree: Biological Science

of

Bunker Hill Community College

and the

UNIVERSITY OF MASSACHUSETTS LOWELL

Spring 2007

This articulation agreement has been established between Bunker Hill Community College and the University of Massachusetts Lowell, Departments of Biological Science. This agreement was developed with the intent of facilitating the transfer process from Bunker Hill Community College (BHCC) to the University of Massachusetts Lowell. These agreements will serve as a guideline for those who desire to transfer from BHCC into the Biological Science program at the University of Massachusetts Lowell.

Students completing the AS Biological Science degree program at Bunker Hill Community College, in accordance with the minimum standards as set in this agreement by the Biological Science department at the University of Massachusetts Lowell, will be admitted to that department at the University of Massachusetts Lowell as juniors. Such students will qualify for all the benefits of the Joint Admissions Program. Students who do not meet the aforementioned minimum standards will be considered for admission to the University of Massachusetts Lowell on a case-by-case basis.

OBJECTIVES:

1. To encourage the transfer of qualified students from Bunker Hill Community College to the University of Massachusetts Lowell.
2. To award academic credit for courses completed at Bunker Hill Community College that meet the terms of the Biological Science Associate Degree as stated in this agreement for transfer to the Bachelor of Biological Science Degree at the University of Massachusetts Lowell.
3. To provide effective and concise guidelines for students seeking to transfer to the University of Massachusetts Lowell. Students will have accurate and clear information regarding the transfer of their coursework from BHCC to the Bachelor's Degree at the University of Massachusetts Lowell.


TERMS OF THE TRANSFER ARTICULATION AGREEMENT:

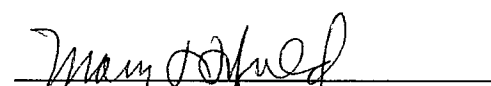
1. The University of Massachusetts Lowell guarantees the acceptance of students who complete the Biological Science Associate of Science Degree program at Bunker Hill Community College with an overall GPA of 2.5 or higher to the Bachelor of Biological Science.
2. The University of Massachusetts Lowell guarantees the transfer of credit as stipulated in the attached Programs of Studies. This agreement assumes the completion of the Associate Degree and completion of the courses listed on the attached Programs of Studies. The University of Massachusetts Lowell may require that 50% of the major is completed in residence; a minimum total of 120 credits must be completed to earn a Bachelor of Biological Science. The University of Massachusetts Lowell may accept courses taken beyond the Associate Degree (60 credits); however, students are encouraged to contact the transfer advisor at the University of Massachusetts Lowell for approval.
3. Bunker Hill Community College transfer students will be subject to all general education requirements of the University of Massachusetts Lowell as set forth in the University of Massachusetts Lowell catalog. Students meeting the requirement of the Commonwealth Transfer Compact will be exempt from 35 credits of University general education requirements, but will be required to meet any specific Biological Science department general education requirements. Meeting the Commonwealth Transfer Compact requires AS Biological Science students to take 3 additional credit hours in Behavioral and Social Science and 6 additional credit hours in Humanities and Fine Arts, beyond the requirements of the AS Biological Science Degree.


4. This document is based upon the evaluation of course descriptions presented to the University of Massachusetts Lowell. Courses as listed in this agreement will transfer to the University of Massachusetts Lowell provided a grade of "C" or higher has been earned. When appropriate, the requirements of the Commonwealth Transfer Compact will be honored.
5. Bunker Hill Community College students interested in participating in this agreement should be advised to take the suggested liberal arts courses. These courses are required at the University of Massachusetts Lowell and students are advised to complete them as part of their Associate Degree.


This agreement shall remain in effect for a period of three years from the date listed below, with the provision that the terms specified herein will continue to apply to students admitted from Bunker Hill Community College's Biological Science Associate Degree program within one year of the expiration of the agreement. Each institution agrees to provide timely notice to the other in the event of any modification to the curriculum that might affect compatibility for admission and transfer of coursework. This agreement may be subject to change, with notification, if curriculum requirements change at either institution. Students admitted to the Bunker Hill Community College's Biological Science Associate Degree program prior to such notification shall be admitted to the University of Massachusetts Lowell on the basis of this agreement. This agreement is conditional upon the Biological Science Department maintaining its' program approval from the Massachusetts Board of Higher Education.

Signatures



 David J. MacKenzie, Chancellor
 University of Massachusetts Lowell

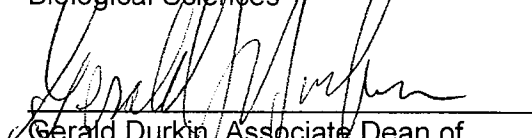

 Mary L. Fifield, President
 Bunker Hill Community College


 Kristen Esterberg
 Associate Provost, Academic Affairs


 Charles Abasa-Nyarko
 Vice President, Academic Affairs


 Mark Hines, Chairperson
 Biological Sciences


 S. Leonard Mhlaba, Dean
 Arts and Sciences


 Gerald Durkin, Associate Dean of
 Enrollment/Director of Transfer
 Admissions


 Robert Steeper, Chairperson
 Science Department

 Date

4/13/07

 Date

Bunker Hill Community College – U Mass Lowell

Transfer Articulation Agreement Associate in Science Degree: Biological Science
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Bunker Hill Community College Degree Requirements		U Mass Lowell Transfer Course Equivalents	
Core Requirements – 16 Credits			
BIO 195 General Biology/Lab I	4	81.111, 113	4
BIO 196 General Biology/Lab II	4	81.112, 114	4
CHM 201 General Chemistry/Lab I	4	84.121, 123	4
CHM 202 General Chemistry/Lab II	4	84.122, 124	4
Bio Transfer Option 32-33 Credits			
MAT 281 Calculus I	4	92.131	4
PHY 201 General Physics/Lab I**	4	95.103/96.103	4
PHY 202 General Physics/Lab II**	4	95.104/96.104	4
<i>Plus 5 of the following:</i>			
CHM 251 Organic Chemistry/Lab I	4	84.221, 84.229	4
CHM 252 Organic Chemistry/Lab II	4	84.222, 84.230	4
MAT 183 Statistics I & Lab	4	92.283	3
MAT 282 Calculus II	4	92.132	4
BIO 120 Intro to Biotechnology	4	81.199	3
BIO 207 Cell Biology/Lab	4	35.211, 81.442	4
BIO 208 Genetics/Lab	4	81.299 NOTE: Substitutes for 81.335, 81.337-Principles of Genetics (with exemption form)	4
BIO 251 Biotechnology/Lab	5		
Gen Ed Requirements – 15 Credits			
(detailed on attached pages)			
Total Credits	61-64		

** May substitute College Physics I & II PHY 251/PHY 252 – (95.141, 95.144)

Bunker Hill Community College General Education Requirements

Bunker Hill Community College Gen Ed Requirements		U Mass Lowell Transfer Course Equivalents	
College Writing	6		
ENG111 College Writing I		42.101	3
ENG112 College Writing II		42.102	3
Individual & Society: One course	3		
GOV101 Gov & Politics in US		46.101	3
GOV103 State & Local Politics		46.256	3
PSY101 Principles of Psychology		47.101	3
PSY107 Group Dynamics		47.299	3
SOC101 Principles of Sociology		48.101	3
SOC109 Cultural Anthropology		48.102	3
World View: One course	3		
ECO201 Macroeconomics		49.202	3
ECO202 Microeconomics		49.201	3
GEO101 World Regional Geography		88.101	3
HIS102 History of Western Civ II		43.106	3
HIS111 World Civilization I		43.106	3
HIS112 World Civilization II		43.299	3
HIS151 US History I		43.111	3
HIS152 US History II		43.112	3
VMA111 Intro to Mass Media			
PHL111 World Religions		59.199	3
PHL113 Religions of Middle East			
Quantitative Thought Fulfilled by concentration requirements			
Science & Technology Fulfilled by concentration requirements			
Humanities	3		
FLM101 Film as Art			
FLM102 American Cinema			
HUM110 American Culture		40.248	3
LIT All Literature Courses		Free Elective	3
MUS118 Music Appreciation I		74.101	3
MUS119 Music Appreciation II			
MUS129 Rock & Roll History		71.199	3

Humanities continued			
THE107 Acting I		42.261	3
VMA104 Drawing I			
VMA112 Art History I			
VMA113 Art History II			
VMA122 Painting I			
VMA123 Watercolor I			
VMA124 Printmaking I			
VMA161 Intro Digital Photography			
All 102 Level Language Courses		Free Elective (Must have I & II)	