

ARTICULATION AGREEMENT

Between the

Associate Degree Program in Nutritional Science
and Diet Technology

of

North Shore Community College

and the

UNIVERSITY OF MASSACHUSETTS LOWELL
Bachelor of Science in Nutritional Sciences

Spring 2014

This articulation agreement has been established between North Shore Community College and the University of Massachusetts Lowell, School of Health Sciences. This agreement was developed with the intent of facilitating the transfer process from North Shore Community College (NSCC) to the University of Massachusetts Lowell. These agreements will serve as a guideline for those who desire to transfer from NSCC into the Nutritional Sciences Program at the University of Massachusetts Lowell.

Students completing the Nutritional Science and Diet Technology program at North Shore Community College, following the described course curricula in the agreement and in accordance with the minimum standards as set in this agreement by the Clinical Laboratory and Nutritional Sciences department at the University of Massachusetts Lowell, will be guaranteed admittance to that department at the University of Massachusetts Lowell as juniors in the Nutritional Sciences 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 North Shore Community College to the University of Massachusetts Lowell.
2. To award academic credit for courses completed at North Shore Community College that meet the terms of the Nutritional Science and Diet Technology degree as stated in this agreement for transfer to the Bachelor of Science in Nutrition 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 NSCC 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 Nutritional Science and Diet Technology program at North Shore Community College with an overall GPA of 3.5 or higher to the Bachelor of Science in Nutritional Science. As stated above, students who do not meet the 3.5 GPA will be considered for admission to the University of Massachusetts Lowell on a case-by-case basis.
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 Program of Study. The University of Massachusetts Lowell may require that 50% of the major is completed in residence. 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. North Shore 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 MASS Transfer Block will be exempt from 35 credits of University general education requirements, but will be required to meet any specific School of Health Sciences general education requirements, not to exceed two courses.

4. This document is based upon the evaluation of course descriptions presented to the University of Massachusetts Lowell. Courses eligible for credit transfer must meet all University of Massachusetts Lowell transfer admission requirements as outlined in the Academic catalogue which can be accessed online at <http://www.uml.edu/Catalog/Undergraduate/Admissions/Transfer-Students.aspx>. When appropriate, the requirements of the MASS Transfer Block will be honored.

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 North Shore Community College's Nutritional Science and Diet Technology degree 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 North Shore Community College's Nutritional Science and Diet Technology 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 Science Department maintaining its' program approval from the Massachusetts Department of Higher Education.

Signatures

North Shore Community College

University of Massachusetts Lowell

Dr. Patricia Gentile, President

Martin T Meehan, Chancellor

Maureen O'Neill, Interim Vice
President Academic Affairs

Ahmed Abdelal, Provost

Laurel Messina, Interim Dean of Liberal Studies

Shortie McKinney, Dean, School of Health
Sciences

Bernadette Lucas, Department Chair,
Nutritional Science

Eugene Rogers, Department Chair
and Professor, Clinical Laboratory and
Nutritional Sciences

Susan Curry, Director, College Articulations

Gerald J. Durkin, Associate Dean
of Enrollment and Director of Transfer
Admissions

Peter Monaco, Transfer Counselor

NORTH SHORE COMMUNITY COLLEGE
Nutritional Science and Diet Technology Program

NSCC Course Requirements

UMass Lowell Equivalent

1st YEAR			
BIO 103 Anatomy and Physiology for Allied Health	4	35.101/103 Human Anatomy and Physiology I + Lab	3 1
CFS 114 Food Safety and Sanitation	3	35.199 Open/minor elective	3
CMP 101 Composition I	3	42.101 College Writing I	3
DTC 102 Nutrition for Healthy Living	3	36.206 Human Nutrition	3
CHE 101 Intro to Chemistry 1	4	35.251 Physical Chemistry 1 35.253 Physical Chemistry 1 Lab	3 1
CHE 102 Intro to Chemistry 2	4	35.252 Physical Chemistry 2 35.254 Physical Chemistry 2 Lab	3 1
BUS 100 Intro to Business	3	35.199 Open/minor elective	3
CMP 102 English Composition II	3	42.102 College Writing II	3
CPS100 Info Tech and Applications- RECOMMEND: Challenge exam and social science elective MAT143 Intro to Stats	3	92.283 Statistics	3
DTC 104 Nutrition for the Life Cycle	4	35.336 Life Cycle Nutrition ¹	3
2nd YEAR			
Behavioral Science elective -RECOMMEND PSY 101 General Psychology OR PSY 102 Intro to General Psych	3	47.101 General Psychology	3
Nutrition Science Directed Elective- RECOMMEND BIO 110 Microbiology	4	35.211 Basic Clinical Microbiology 35.213 Basic Clinical Microbiology Lab	3 1
DTC 202 Food Preparation	3	35.199 Open/minor elective	3
FSN 104 Tech. of Food Processing	3	35.199 Open/minor elective	3
DTC 204 Intro to Dietary Management DTC 206 Nutritional Management of Illness ²	3 4	35.205 Intro to Nutrition Science	3
FSN 202 Food Chemistry	4	35.199 Open/minor elective	3
MGT 201 Human Resource Management	3	35.199 Open/minor elective	3
SPE 102/104 Speech of Small Group Communication	3	42.222 Arts and Humanities elective	3
Recommend students take at NSCC			
BIO 104 Anatomy and Physiology for Allied Health	4	35.102/104 Human Anatomy and Physiology II + Lab	3 1
CHE 201 Organic Chemistry 1	4	36.341 Organic Reaction and Structure + 36.343 Lab ³	4
MAT 200 Pre-Calculus or equivalent	3	92.121 Management Pre-Calculus	3
SOC 106 Intro to Sociology or SOC 102 The Individual in Society	3	48.101 Intro to Sociology	3

¹This is a designated professional course for UML Nutrition Science students. In order to transfer, students at NSCC must earn a grade of B or higher in DTC 104 Nutrition for the Life Cycle and faculty at UML must complete an exception form.

²DTC 206 Nutritional Management of Illness will be re-named to DTC 206 Introduction to Clinical Dietetics starting in the Spring of 2014.

³Faculty at UML must complete an exception form in order for CHE 201 Organic Chemistry 1 to transfer.

Summary: Current curriculum at NSCC would transfer 58 credits towards a B.S. degree in Nutrition Science at UML. It is recommended students take Psychology and Microbiology for their elective choices. It is recommended students take the challenge exam and statistics in place of Information Technology and Applications.

The NSCC students would not be able to take many of our Junior level classes because Anatomy and Physiology II and Organic Chemistry with Lab are pre-requisites. Thus, it is highly recommended they take these courses at NSCC. Additionally, Pre-Calculus and Intro to Sociology would transfer to the UML curriculum.

School of Health Sciences
Clinical Laboratory and Nutritional Sciences
Nutrition Science B.S. Degree

Agreement with North Shore Community College

Freshman Year/Fall Semester				Freshman Year/Spring Semester			
NSCC	UML	UML	Cr.	NSCC	UML	UML	Cr.
BIO 103	35.101	A&P I	3	<i>BIO 104</i>	<i>35.102</i>	<i>A &P II</i>	<i>3</i>
	35.103	A&P I Lab	1		<i>35.104</i>	<i>A&P II Lab</i>	<i>1</i>
CMP 101	42.101	Coll. Writing I	3		<u>31.201</u>	<u>Com Health</u>	<u>3</u>
PSY 101	47.101	Psychology	3	CMP 102	42.101	Col. Writing II	3
<i>SOC 106</i>	<i>48.101</i>	<i>Sociology</i>	<i>3</i>	<i>MAT 200</i>	<i>92.121</i>	<i>Manag. PreCalc</i>	<i>3</i>
MAT 143	92.283	Intro to Stats	3	DTC204/206	35.205	Intro to NS	3
			16				16

Sophomore Year/Fall Semester				Sophomore Year/Spring Semester			
NSCC	UML	UML	Cr.	NSCC	UML	UML	Cr.
BIO 110	35.211	Basic Microbio	3	<i>CHE 201</i>	<i>36.341</i>	<i>Organic Chem</i>	<i>3</i>
	35.213	Micro Lab	1		<i>36.343</i>	<i>Org. Chem Lab</i>	<i>1</i>
CHE 101	35.251	Phy Chem I	3	CHE 102	35.252	Phy Chem II	3
	35.253	Phy Chem I Lab	1		35.254	Phy Chem II Lab	1
SPE102/104	42.222	Arts/Humanities	3	DTC 104	35.336	Life Cycle	3
DTC 102	35.206	Human Nutritior	3			<u>Soc. Sci. Gen Ed</u>	<u>3</u>
			14				14

Junior Year/Fall Semester				Junior Year/Spring Semester			
NSCC	UML	UML	Cr.	NSCC	UML	UML	Cr.
	<u>36.345</u>	<u>Comm Nut</u>	<u>3</u>		35.199	Free Elective	3
	<u>36.372</u>	<u>Obesity and WC</u>	<u>3</u>		<u>36.351</u>	<u>Clin Chem</u>	<u>3</u>
	<u>36.350</u>	<u>Human Biochem</u>	<u>3</u>		<u>36.353</u>	<u>Clin Chem Lab</u>	<u>2</u>
	<u>36.363</u>	<u>Clin Lab Inst. Lab</u>	<u>2</u>		<u>36.371</u>	<u>Nut and Met.</u>	<u>3</u>
	<u>36.361</u>	<u>Clin Lab Inst.</u>	<u>3</u>		<u>42.222</u>	<u>Arts/Humanities</u>	<u>3</u>
	35.199	Free elective	3				
			17				14

Senior Year/Fall Semester				Senior Year/Spring Semester			
NSCC	UML	UML	Cr.	NSCC	UML	UML	Cr.
	<u>31.305</u>	<u>Intro to Epi</u>	<u>3</u>		<u>36.406</u>	<u>Biochem of lipids</u>	<u>3</u>
	<u>36.463</u>	<u>Vit and Min</u>	<u>3</u>		<u>36.472</u>	<u>Nut and Gene Exp</u>	<u>3</u>
	<u>36.465</u>	<u>Lab Meth. Nut Ass.</u>	<u>3</u>		<u>36.482</u>	<u>MNT 2</u>	<u>3</u>
	<u>36.481</u>	<u>MNT 1</u>	<u>3</u>		<u>36.496</u>	<u>Sr. Res</u>	<u>3</u>
	<u>36.483</u>	<u>Sr Res.</u>	<u>2</u>		<u>42.222</u>	<u>Arts/Humanities</u>	<u>3</u>
			14				15

Red will transfer to curriculum (46), blue italics are additional recommended classes that students could take at NSCC (14), black underlined are courses NSCC students will have to take at UML (60 credits).

