

University of Wisconsin (UW) – Oshkosh
Northeast Wisconsin Technical College

WTCS Degree Type and Program: Laboratory Science Technology Associate of Applied Science
UW Degree Type and Major: Bachelors of Science with major in Chemistry, Biomolecular Science Emphasis

Effective Date: (09/17)

Next Review Date: (05/21)

New Agreement

Revised Agreement

Agreement Description and Rationale:

This articulation creates a smooth, established pathway for students completing the Laboratory Science Associate Degree at NWTC who desire a BS degree at UW Oshkosh with a major in Chemistry (Biomolecular Science Emphasis).

Admission Requirements/Conditions Specific to this Agreement:

Students earn the AS Degree in Laboratory Science Technology at NWTC and then complete approximately 60 additional, specified credits at UW Oshkosh (See attached Transfer Guides) in order to earn a BS degree from UW Oshkosh. In addition, students may take courses in the Laboratory Science Technology program and transfer specific courses to UW Oshkosh (as per Transfer Agreements) without completing the AS degree. These students will need to discuss additional required course work at UW Oshkosh with an advisor.

Any changes to the curriculum for the Laboratory Science Technology program or the specific UW Oshkosh majors, or for substantial course content changes to NWTC courses that transfer to UW Oshkosh will be discussed between the two institutions and necessary updates to the articulation will be made.

Articulation Transfer Agreement Terms:

The terms of this agreement apply to Northeast Wisconsin Technical College students who successfully complete the Laboratory Science Technology AAS; meet the admission requirements set forth below for the UW - Oshkosh; and enroll in the Chemistry (Biomolecular Science Emphasis) B.S.

A transfer course/credit articulation table illustrating the list of courses the student must complete to earn the Bachelors of Science with a major in Chemistry (Biomolecular Science Emphasis) at UW - Oshkosh; course/credit requirements fulfilled at Northeast Wisconsin Technical College; and courses the student must be taken at UW - Oshkosh may be found in Appendix A.

Students must meet the following requirements to confer the Bachelors of Science with major in Chemistry (Biomolecular Science Emphasis) at UW - Oshkosh.

- A minimum cumulative GPA of 2.0.
- Satisfactory completion of the degree credit requirements listed in Transfer Guide.
- Completion of the last 30 credits in residence at UW - Oshkosh

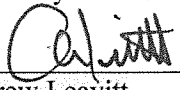
Additional coursework completed at Northeast Wisconsin Technical College may be transferrable to satisfy UW - Oshkosh general education or breadth requirements. These courses are listed in Appendix A or are searchable through the UW System Transfer Information System (TIS) Wizards (<https://www.wisconsin.edu/transfer/wizards/>).

Wisconsin Technical College System and University of Wisconsin System
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT TEMPLATE

Approved by:

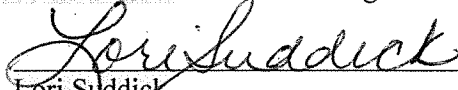
University of Wisconsin - Oshkosh

Northeast Wisconsin Technical College



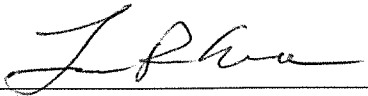
Andrew Leavitt
Chancellor

10/3/2016
Date



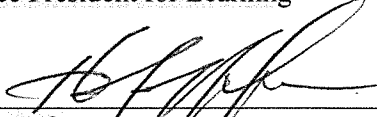
Lori Suddick
Vice President for Learning

Date



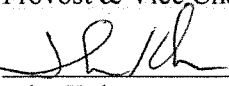
Lane Earns
Provost & Vice Chancellor

9/29/16
Date




Dr. Rafn
Vice President for Student Services

10/14/16
Date



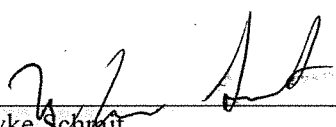
John Koker
Dean, College of Letters & Science

9/21/16
Date



Jennifer Mihalick
Chemistry Department Chair

9/22/16
Date



Myke Schmitt
Department Dean

10/14/16
Date

Appendix A

**University of Wisconsin (UW) – Oshkosh
 Northeast Wisconsin Technical College**

**Laboratory Science Technology Associate of Applied Science
 Chemistry Major (Biomolecular Science Emphasis), Bachelor of Science**

Effective Date: (09/17)

Table accompanies new agreement

Revised table for existing agreement

Transfer Course/Credit Articulation Table:

Northeast Wisconsin Technical College Laboratory Science Technology AAS Transferable Courses/Credits				UW – Oshkosh Environmental Health Major All Program Course Requirements			
Table 1: General Education / Breadth Requirements*							
Course Prefix + #	Course Title	GE Area	Credits	Course Prefix + #	Course Title	GE Area	Credits
10804197	College Algebra and Trig		5	Math108	Precalculus		5
10801136	English Composition 1		3	WBIS 188	Writing Based Inquiry		3
10809166	Intro to Ethics		3	Phil104	Ethics		3
10809172	Intro to Diversity Studies		3	Soc	Soc Elective/Gen Ed		3
10809198	Intro to Psychology		3	Psych101	General Psychology		3
10801197	Technical Reporting		3	Eng 317	Technical Writing		3
General Education Total			20	General Education Total			20

*Additional coursework not listed here may be transferable to satisfy general education or breadth requirements and are searchable through the UW System Transfer Information System (TIS) Wizards (<http://www.wisconsin.edu/transfer/wizards/>).

Table 2: Major Program Requirements

Course Prefix + #	Course Title	GE Area	Credits	Course Prefix + #	Course Title	GE Area	Credits
10806114	General Biology		4	Bio105	Biology Concepts Unity		4
10506159	Cell and Molecular Biology		4	Bio323	Cell and Molecular Bio		3
10806197	Microbiology		4	Bio233	Survey of Microbiology		4
10806135	College Chemistry 1		5	Chem105	General Chemistry 1		5
10506136	College Chemistry 2		5	Chem106	General Chemistry 2		5
10806154	General Physics 1		4	Phys107	General Physics 1		4
10806164	General Physics 2		4	Phys108	General Physics 2		4
10506157	Applied Statistics		4	Math201	Applied Statistics		3
10506160	Organic Chemistry 1		4	Chem234/ 235	Organic Chemistry 1 with lab		4
10506158	Analytical Chemistry		4	Chem311	Analytical Chemistry 1		3
10506137	Lab Internship Experience		1		Elective credit		1
10506138	Experimental Design		1		Elective credit		1
10506170	Experimental Research Capstone		2		Elective credit		2
Major Program Total			46	Major Program Total			43

Wisconsin Technical College System and University of Wisconsin System
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT TEMPLATE

Final, signed agreement may be retrieved from: <https://www.wisconsin.edu/transfer/agreements-programs/>

Questions regarding this agreement may be directed to:

Articulation Agreement Contact Person and Title: Colleen McDermott, Associate Dean, Math/Science Division, College of Letters and Science, UW Oshkosh Email: mcdermot@uwosh.edu



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAM
 NWTC PROGRAM: Laboratory Science Technology
 UW Oshkosh PROGRAM: Chemistry/Biochemistry Science Emphasis

Version: 1
 As of: 8/8/16

Min. GPA for Admission: _____
 Initial effective date: _____

INFO FROM: NWTC Web

INFO FROM: TIS Wizard

NWTC				UW Oshkosh				
Course #	Course Title	Credits	Course #	Course Title	Credits	Grade	Level	Special Conditions
FIRST SEMESTER								
10-804-197	College Algebra & Trig w Apps	5	MATH 108	Pre-Calculus (Ma)(Xn)	5	AB, UCTA	L	22
10-806-114	General Biology	4	BIOLOGY 105	Bio Concept Univ (Bn)(Xl)	4	CA, UCTA	L	22
10-806-135	College Chemistry	5	CHEM 105	General Chemistry I (Ns)(Xl)	5	CB	L	
10-990-101	College 101	1	None					
TOTAL		15	TOTAL		14			
SECOND SEMESTER								
10-506-136	College Chemistry 2	5	CHEM 106	General Chemistry II	5	AA	L	
10-801-136	English Composition 1	3	ENGLISH 101	College English (En)	3	AA	L	
10-806-154	General Physics 1	4	PHYS/AST 107	Wrtng-Bsd Inv Sem (Wb)(S)(En)	4	CD, UCTA	L	22
10-804-198	Calculus I	4	Math 171	Calculus I	4			
TOTAL		16	TOTAL		16			
SUMMER SEMESTER								
10-506-137	Laboratory Intern Experience	1	PHIL 104	Elective Credit	1	BD, UCTA	L	22
10-809-166	Intro to Ethics: Theory & App	3	SOC EL	Ethics (Hu)(Xc)	3	DG, FA	L	
10-809-172	Intro to Diversity Studies	3		Sociology Elective	3			
TOTAL		7	TOTAL		7			
THIRD SEMESTER								
10-506-138	Experimental Design	1		Elective Credit	1			
10-506-157	Applied Statistics	4	MATH 201	Applied Statistics	3			
10-506-158	Analytical Chemistry 1	4	CHEM 311	Analytical Chemistry 1	3			
10-506-159	Cell and Molecular Biology	4	BIO 323	Intro to Cell and Molecular Biology	3			
10-809-198	Intro to Psychology	3	PSYCH 101	General Psychology (Ss)(Xs)	3	DF, UCTA	L	22
10-809-199	Psychology Of Human Relations (3)		PSYCH EL	Psychology Elective		DF	L	
TOTAL		16	TOTAL		13			
FOURTH SEMESTER								
10-506-160	Organic Chemistry 1	4	CHEM 234/235	Organic Chemistry 1 and Organic Laboratory 1	4			
10-506-170	Experimental Research Capstone	2		Elective Credit	2			
10-801-197	Technical Reporting	3	ENGLISH 317	Technical Writing (En)	3	AA	U	
10-806-164	General Physics 2	4	PHYS/AST 108	General Physics (Ns)(Xl)	4	CD	L	
TOTAL		13	TOTAL		13			
TOTAL		67	Total Transferable Credits		63			

INFO FROM: Partner 1 Input

UW Oshkosh					
Course #	Course Title	Credits	Grade	Level	Special Conditions
Blomolecular Sci Core					
Chem 334	Organic Chem II Lab	1			
Chem 335	Organic Chem II Lecture	3			
Chem 490	Seminar I	1			
Chem 491	Seminar II	1			
TOTAL		6			
Bio 343	Genetics	4			
Chem 303	Biochemistry	3			
Chem 304	Biochemistry Lab	1			
Chem 315	Advanced Biochemistry	3			
Chem 365	Biophysical Chem	3			
Bio 319/345/45	Animal/Plant/Microbial Physiology	5			
Or					
Bio 315/316/341	Biology Electives				
And					
Bio 350/374/37	Biology Lab Electives				
TOTAL		19			
Upper Level Electives					
At least 3 cr from any of the following course not taken as part of core					
Bio 300/301/306/309/315/316/319/398/341/345/350/372/374/375/389/390/446/450/456/474		3			
Chem 323/360/446/474/495					
Psych 367/383					
TOTAL		3			
Additional USP course					
USP 200	Campus Orientation	0			
Eng 312	Advanced Composition	3			
Comm 111	Public Speaking	3			
Additional Culture course					
Additional Society course					
A total of 35 credits must be at the 300 level or above.					
TOTAL		12			
Additional courses to equal 120 cr. At least 35 credits must be at 300 level or above.					
English Literature course					
History course					
Humanities course (from one or two listed areas, Foreign Language and Fine/Performing Arts)					
Global Knowledge course					
TOTAL		20			
Total Additional Credits Needed at Partner College		61			

Total Program Credits Required by Partner	120	Manually Entered
Total Transferable Credits from NWTC	63	Linked From Worksheet
Total Additional Credits Needed at Partner College	61	Formula (M1-N2-43)
Remaining Program Credits Needed	4	Formula (M1-N2-43)

Curriculum Note
 *No final grade lower than a "C" is acceptable in any of the courses marked with an asterisk. A student who withdraws or receives a grade lower than a "C" in a program course may apply for re-entry into the program.
 **The credit for 10-809-101, College 101, is an institutional requirement for graduation. Consequently, it is not part of the program credit requirements.

