



Transfer Guide

Northeast Wisconsin Technical College Laboratory Science Technology Associate Degree – Physical Science emphasis to UW-Green Bay Bachelor of Science degree, Chemistry major, all emphases

Effective Date: 06/01/2021

Review Date: 06/01/2023

Transfer Plan Highlights:

- 66 credits transfer to UW-Green Bay and provide students with junior standing
- Students can utilize the courses and skills from the Associate Degree in Laboratory Science Technology toward a 4-year degree in Chemistry
- Chemistry has multiple emphases, including several accredited by the American Chemical Society (ACS), with the transfer credits able to be applied to the appropriate emphasis

Course Transfer Conditions

- Students must be accepted to UW-Green Bay to receive transfer credits
- The table on page 2 details course to course equivalencies.
- The tables on pages 3-5 detail additional requirements students must complete in order to earn the Bachelor of Science degree. Students must complete all UWGB residency requirements in order to graduate.
- Students choosing a major other than Chemistry will have different and/or additional requirements to complete.
- Northeast Wisconsin Technical College courses taken outside of the Laboratory Science Technology degree program will be evaluated on a course by course basis.

For more information, please contact:

UW-Green Bay Transfer Admissions

uwgb@uwgb.edu

920-465-2111

www.uwgb.edu/transfer

College of Science, Engineering, and Technology

cst@uwgb.edu

920-465-2104

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This page details how your Northeast Wisconsin Technical College work will transfer to UW-Green Bay

Northeast Wisconsin Technical College			UW-Green Bay		
First Semester					
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
890-101	College 101	1		Not Transferrable	0
804-197	College Algebra and Trig w Apps.	5	MATH 104	Pre-Calculus	5
806-135	College Chemistry	5	CHEM 211 + 213	Principles of Chemistry 1 + Lab Gen Ed: Quantitative Literacy	5
506-136	College Chemistry 2	5	CHEM 212 + 214	Principles of Chemistry 2 + Lab	5
Total credits earned		16	Total credits accepted		15

Second Semester					
801-136	English Composition 1	3	WF 100	First Year Writing	3
806-114	General Biology	4	BIOLOGY 201+202	Principles of Biology: Cell/Molecular Gen Ed: Biological Science	4
806-154	General Physics 1	4	PHYSICS 103	Fundamentals of Physics 1 Gen Ed: Natural Science	4
806-164	General Physics 2	4	PHYSICS 104	Fundamentals of Physics 2	4
Total credits earned		19	Total credits accepted		15

Summer Semester					
506-137	Laboratory Intern Experience	1	CHEM 207	Laboratory Safety	1
809-172	Intro to Diversity Studies	3	HUM STUD 213	Ethnic Diversity Human Values Gen Ed: Ethnic Studies	3
809-198	Intro to Psychology	3	PSYCH 102	Intro to Psychology Gen Ed: Social Science	3
Total credits earned		7	Total credits accepted		7

Third Semester					
506-138	Experimental Design	1		Elective Credit	1
506-157	Applied Statistics	4	MATH 260	Applied Statistics	4
506-160	Organic Chemistry 1	4	CHEM 302 + 304	Organic Chemistry 1 + Lab	4
506-162	Organic Chemistry 2	4	CHEM 303 + 305	Organic Chemistry 2 + Lab	4
809-166	Intro to Ethics: Theory and App	3	PHILOS 102	Contemporary Ethical Issues Gen Ed: Humanities	3
Total credits earned		16	Total credits accepted		16

Fourth Semester					
804-198	Calculus 1	4	MATH 202	Calculus and Analytic Geometry 1	4
804-181	Calculus 2	4	MATH 203	Calculus and Analytic Geometry 2	4
801-197	Technical Reporting	3		Elective Credit	3
506-170	Experimental Research Capstone	2		Elective Credit	2
Total credits earned		9	Total credits accepted		13

Total credits earned at NWTC	67	Total credits accepted at UW-Green Bay	66
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Note: Students are strongly encouraged to take 806-158 Calc Physics 1 Enhancement (1 credit) at NWTC in order to receive transfer credit for PHYSICS 201.

This page details the UW-Green Bay courses needed to complete the Chemistry major, ACS Certified in Chemistry emphasis, and all other degree requirements.

(This is Sample Plan – Consult a UWGB Advisor for specific advice)

Fifth Semester		
MATH 209	Multivariate Calculus	4
PHYSICS 202	Principles of Physics 2	5
	Gen Ed: Global Culture	3
Total credits earned		12

Sixth Semester		
CHEM 321 + 323	Structure of Matter + Lab (Upper Level Writing Emphasis)	4
CHEM 330 + 331	Biochemistry + Lab	4
CHEM 311	Analytical Chemistry	4
	Gen Ed: Fine Arts	3
Total credits earned		15

Seventh Semester		
CHEM 320 + 322	Thermodynamics and Kinetics + Lab (Upper Level Writing Emphasis)	4
CHEM 413	Instrumental Analysis (Capstone course)	4
	Gen Ed: Humanities	3
	Elective Credit	3
Total credits earned		14

Eighth Semester		
CHEM 410 + 411	Inorganic Chemistry + Lab	4
CHEM 495	Teaching Assistantship (Research)	3
	Gen Ed: Social Sciences	3
	Gen Ed: Sustainability Perspective	3
Total credits earned		13

Total credits earned at UW-Green Bay		54
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**This page details the UW-Green Bay courses needed to complete the
Chemistry major, ACS Certified in Environmental Chemistry emphasis, and all other degree
requirements.**

(This is Sample Plan – Consult a UWGB Advisor for specific advice)

Fifth Semester		
ENV SCI 102	Intro to Environmental Science	3
PHYSICS 202	Principles of Physics 2	5
GEOSCI 202	Physical Geology	4
	Gen Ed: Social Sciences	3
Total credits earned		15

Sixth Semester		
CHEM 321 + 323	Structure of Matter + Lab (Upper Level Writing Emphasis)	4
CHEM 330 + 331	Biochemistry + Lab	4
CHEM 311	Analytical Chemistry	4
	Gen Ed: Global Culture	3
Total credits earned		15

Seventh Semester		
CHEM 320 + 322	Thermodynamics and Kinetics + Lab (Upper Level Writing Emphasis)	4
CHEM 413	Instrumental Analysis (Capstone course)	4
BIOLOGY 323 + 324	Principles of Microbiology + Lab	4
	Gen Ed: Humanities	3
Total credits earned		15

Eighth Semester		
CHEM 410 + 411	Inorganic Chemistry + Lab	4
CHEM 495	Teaching Assistantship (Research)	3
ENV SCI 305	Environmental Systems	4
	Gen Ed: Fine Arts	3
	Gen Ed: Sustainability Perspective	3
Total credits earned		17

Total credits earned at UW-Green Bay		62
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This page details the UW-Green Bay courses needed to complete the Chemistry major, General emphasis, and all other degree requirements.

(This is Sample Plan – Consult a UWGB Advisor for specific advice)

Fifth Semester		
PHYSICS 202	Principles of Physics 2	5
	Gen Ed: Social Sciences	3
	Gen Ed: Fine Arts	3
	Gen Ed: Global Culture	3
Total credits earned		14

Sixth Semester		
CHEM 321 + 323	Structure of Matter + Lab (Upper Level Writing Emphasis)	4
CHEM 3XX/4XX	Chemistry Upper Level Elective Course	4
CHEM 311	Analytical Chemistry	4
	Elective Credit	3
Total credits earned		15

Seventh Semester		
CHEM 320 + 322	Thermodynamics and Kinetics + Lab (Upper Level Writing Emphasis)	4
CHEM 413	Instrumental Analysis (Capstone course)	4
	Gen Ed: Humanities	3
	Elective Credit	3
Total credits earned		14

Eighth Semester		
	Elective Credit	3
	Elective Credit	3
	Elective Credit	3
	Gen Ed: Sustainability Perspective	3
Total credits earned		12

Total credits earned at UW-Green Bay		55
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