

Transfer Guide

Northeast Wisconsin Technical College (NWTC) Software Developer Associate Degree to
UW-Green Bay Bachelor of Science degree, Computer Science major, all emphases

Updated: 09/01/2021

Review Date: 06/01/2023

Transfer Plan Highlights:

- Students can utilize the courses and skills from the Associate Degree in Software Developer toward a 4-year degree in Computer Science
- The Computer Science degree offers upper level electives in a range of areas, with the transfer credits offering solid background and preparation for these courses

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 3-4 details 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 Computer Science will have different and/or additional requirements to complete
- Institution courses taken outside of the NWTC Software Developer degree program will be evaluated on a course by course basis

For more information, please contact:

UW-Green Bay Transfer Admissions

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This page details how your NWTC work will transfer to UW-Green Bay

NWTC			UW-Green Bay		
First Semester					
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
107-107	Intro to IT	1		Elective Credit	1
890-101	College 101	1		Not Transferrable	0
152-140	IT: Program: Logic-Intro	1		Elective Credit	1
154-125	IT: Web: Database Development	3	COMP SCI 221 *	* Need both 154-125 and 152-184 to receive credit for COMP SCI 221	3
152-173	IT: Program: Part 1 (C#)	3	COMP SCI 292 ***	*** Need both 152-154 and 152-173 to receive credit for COMP SCI 292	3
804-133	Math and Logic	3		Elective Credit Gen Ed: Sub for First Year Seminar	3
801-136	English Composition 1	3	WF 100	First Year Writing	3
Total credits earned		15	Total credits accepted		14

Second Semester					
152-185	Website Coding	3	COMP SCI 201 ^	^ Need both 152-180 and 152-185 to receive credit for COMP SCI 201	3
152-174	IT: Program: Part 2 (C#)	3		Elective Credit	3
105-101	Career Planning	1		Not Transferrable	0
152-184	IT: Web: Programming -SQL	3	COMP SCI 221 *	* Need both 154-125 and 152-184 to receive credit for COMP SCI 221	3
809-172	Intro to Diversity Studies	3	HUM STUD 213	Ethnic Diversity and 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		16	Total credits accepted		15

Third Semester					
152-180	IT: Web: Scripting-JavaScript	3	COMP SCI 201 ^	^ Need both 152-180 and 152-185 to receive credit for COMP SCI 201	3
801-196	Oral/Interpersonal Comm	3	COMM 166	Fund. Of Interpersonal Communication	3
152-141	IT: Program: Part 3 (Java)	3	COMP SCI 256 **	**Need both 152-141 and 152-142 to receive credit for COMP SCI 256	3
152-150	IT: Program: Systems Analysis	3		Elective Credit	3
801-197	Technical Reporting	3		Elective Credit	3
105-103	Career Preparation	1		Not Transferrable	0
Total credits earned		16	Total credits accepted		15

Fourth Semester					
152-183	IT: Web: Scripting –ASP.NET	3		Elective Credit	3
152-142	IT: Program: Part 4 (Java)	3	COMP SCI 256 **	**Need both 152-141 and 152-142 to receive credit for COMP SCI 256	3
152-154	IT: Program: Mobile Apps Dev	3	COMP SCI 292 ***	*** Need both 152-154 and 152-173 to receive credit for COMP SCI 292	3
152-151	IT: Program: SQL – Advanced	3		Elective Credit	3
107-195	IT: Training	2		Not Transferrable	0
152-199	IT: Software: Career Experience	2		Not Transferrable	0
Total credits earned		16	Total credits accepted		12

Total credits earned at NWTC	63	Total credits accepted at UW-Green Bay	56
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We recommend students also take 804-197 College Algebra and Trig w. Apps prior OR 804-116 College Tech Math 2 before transferring in order to satisfy pre-requisites for UW-Green Bay courses MATH 202 and COMP SCI 240.

This page details the UW-Green Bay courses needed to complete the Computer Science major, Software Engineering emphasis, and all other degree requirements.

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

Fifth Semester		
COMP SCI 240	Discrete Mathematics (or pre-requisite course if needed)	4
COMP SCI 316	Advanced Software Design	4
COMP SCI 231	Introduction to IT Operations	3
	Gen Ed: Social Sciences	3
	Gen Ed: Humanities	3
Total credits earned		17

Sixth Semester		
COMP SCI 351	Data Structures	4
COMP SCI 357	Theory of Programming Languages	3
COMP SCI 452	Operating Systems Using Linux	3
MATH 202	Calculus and Analytic Geometry 1 (or pre-requisite course if needed)	4
MATH 260	Introductory Statistics (or pre-requisite course if needed) (Quantitative Literacy Gen Ed)	4
Total credits earned		18

Summer Semester		
	Gen Ed: Biological Science	3
	Gen Ed: Fine Art	3
Total credits earned		6

Seventh Semester		
COMP SCI 353	Computer Architecture and Organization (Upper Level Writing Emphasis course)	3
COMP SCI 450	Theory of Algorithms	3
COMP SCI 464	Artificial Intelligence	3
	Gen Ed: Natural Sciences	3
	Gen Ed: Global Culture	3
Total credits earned		15

Eighth Semester		
COMP SCI 372	Software Engineering (Capstone Course; Writing Emphasis)	3
COMP SCI 371	Advanced Object-Oriented Design	4
3xx/4xx	Upper Level COMP SCI/INFO SCI/MATH/COMM Elective Course	3
	Gen Ed: Humanities	3
	Gen Ed: Sustainability Perspective	3
Total credits earned		16

Total credits earned at UW-Green Bay		72
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**This page details the UW-Green Bay courses needed to complete the
Computer Science major, Information Assurance and Security emphasis, and all other degree
requirements.**

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

Fifth Semester		
COMP SCI 240	Discrete Mathematics (or pre-requisite course if needed)	4
COMP SCI 316	Advanced Software Design	4
COMP SCI 231	Introduction to IT Operations	3
	Gen Ed: Social Sciences	3
	Gen Ed: Humanities	3
Total credits earned		17

Sixth Semester		
COMP SCI 351	Data Structures	4
COMP SCI 358	Data Communication and Computer Networks (Upper Level Writing Emphasis course)	3
MATH 202	Calculus and Analytic Geometry 1 (or pre-requisite course if needed)	4
MATH 260	Introductory Statistics (or pre-requisite course if needed) (Quantitative Literacy Gen Ed)	4
	Gen Ed: Humanities	3
Total credits earned		18

Summer Semester		
	Gen Ed: Biological Science	3
	Gen Ed: Fine Art	3
Total credits earned		6

Seventh Semester		
COMP SCI 353	Computer Architecture and Organization (Upper Level Writing Emphasis course)	3
COMP SCI 361	Information Assurance and Security	3
COMP SCI 490	Capstone Essay in Computer Science (Capstone Course)	3
COMP SCI 371	Advanced Object-Oriented Design	4
	Gen Ed: Global Culture	3
Total credits earned		16

Eighth Semester		
COMP SCI 452	Operating Systems Using Linux	3
COMP SCI 464	Artificial Intelligence	3
3xx/4xx	Upper Level COMP SCI/INFO SCI/MATH/COMM Elective Course	3
	Gen Ed: Natural Sciences	3
	Gen Ed: Sustainability Perspective	3
Total credits earned		15

Total credits earned at UW-Green Bay		72
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