

## Fox Valley Technical College Software Developer Associate Degree To UW-Green Bay Bachelor of Science in Computer Science, Software Engineering Emphasis

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

Fox Valley Technical College			UW-Green Bay		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
152-111	C# Introduction to Programming	3	COMP SCI 292	Intro to Mobile Platforms and Apps *Must take 152-111, 152-116 AND 152-180*	3
152-168	Data Access for Programmers	3	COMP SCI 221	Database Design & Management *Must take 152-168 AND 152-170*	3
152-101	HTML 5	3	COMP SCI 201	Intro to Computing & Internet Technologies *Must take 152-101 AND 152-121 AND 152-133*	3
890-100	College Success: On Course	1		Not Transferable	0
152-114	Computer Programming C++	3	COMP SCI 256	Intro to Software Design *Must take 152-114 AND 152-108*	3
152-116	C# Intermediate Programming	3		Elective Credit	3
152-121	PHP	3		Elective Credit	3
152-133	JavaScript/jQuery	3		Elective Credit	3
152-170	Data Administration Techniques	3		Elective Credit	3
107-110	IT Career Experience	2		Not Transferable	0
107-158	Systems Analysis	3		Elective Credit	3
152-125	ASP.Net	3		Elective Credit	3
152-180	Intro to Mobile Development	3		Elective Credit	3
152-108	Advanced Software Development	3		Elective Credit	3
152-126	Agile Development	3		Elective Credit	3
152-182	Android Programming	3		Elective Credit	3
152-181	<i>Suggested elective:</i> iOS Programming	3		Elective Credit	3
801-195	Written Communication	3	WF 100	First Year Writing <b>Writing Competency</b>	3
801-196	Oral/Interpersonal Communication	3	COMM 166	Fundamentals of Interpersonal Communication <b>Gen Ed: First Year Seminar</b>	3
804-133	Math & Logic	3		Elective Credit	3
809-199	Psych of Human Relations	3		Psych Elective <b>Gen Ed: Social Science</b>	3
804-133	Math & Logic	3		Elective Credit	3
809-166	Intro to Ethics: Theory & App	3	PHILOS 102	Contemporary Ethical Issues <b>Gen Ed: Humanities</b>	3
<b>Total credits earned at FVTC</b>		<b>62</b>	<b>Total credits accepted at UW-Green Bay</b>		<b>59</b>

**If possible, students should take 804-116 College Technical Math 2 prior to transferring.**





UNIVERSITY of WISCONSIN  
GREEN BAY

# General Education Requirements

This page details how your FVTC work will fulfill requirements at UWGB

Disclaimer: This worksheet is unofficial and should only be used in conjunction with official *Degree Progress Report* located in your SIS Student Center.

This worksheet is valid for fall 2021/spring 2022 catalog

Click here for an overview of the 2021-2022 Undergraduate [General Education Program](#).

Requirements		Minimum of 36 credits			
General Education Category	Credits	Course	In Progress	Needed	Completed
Quantitative Literacy (QL)	3	Will be Math 260 (major course)		<input type="checkbox"/>	<input type="checkbox"/>
Ethnic Studies Perspective (ETP)	3			<input type="checkbox"/>	<input type="checkbox"/>
Global Culture (GC)	3			<input type="checkbox"/>	<input type="checkbox"/>
Biological Sciences (BIO)	3			<input type="checkbox"/>	<input type="checkbox"/>
Natural Sciences (NAT)	3			<input type="checkbox"/>	<input type="checkbox"/>
Sustainability Perspective (SUSP)	3			<input type="checkbox"/>	<input type="checkbox"/>
Social Sciences (SS) <i>In two subject areas</i>	3	809-199 Psych of Human Relations		<input type="checkbox"/>	<input type="checkbox"/>
Social Sciences (SS) <i>In two subject areas</i>	3			<input type="checkbox"/>	<input type="checkbox"/>
Humanities (HUM) <i>In two subject areas</i>	3	809-166 Intro to Ethics: Theory and App		<input type="checkbox"/>	<input type="checkbox"/>
Humanities (HUM) <i>In two subject areas</i>	3			<input type="checkbox"/>	<input type="checkbox"/>
Fine Arts (FIN)	3			<input type="checkbox"/>	<input type="checkbox"/>
First Year Seminar (FYS)	3	801-196 Oral/Interpersonal Comm		<input type="checkbox"/>	<input type="checkbox"/>

Mathematical and English Competency Requirements					
English Competency (WF 100)	3	801-195 Written Communication		<input type="checkbox"/>	<input type="checkbox"/>
Math Competency	0-4			<input type="checkbox"/>	<input type="checkbox"/>

UW System Ethnic Studies Requirement					
Ethnic Studies	0-3	Overlaps with Gen. Ed. ETP requirement		<input type="checkbox"/>	<input type="checkbox"/>

Capstone Requirement					
Overlap with major capstone	1-3	Will be COMP SCI 372		<input type="checkbox"/>	<input type="checkbox"/>

Writing Emphasis					
Lower-Level (LL WE)		Satisfied in Transfer		<input type="checkbox"/>	<input type="checkbox"/>
Lower-Level (LL WE)		Satisfied in Transfer		<input type="checkbox"/>	<input type="checkbox"/>
Upper-Level (UL WE)				<input type="checkbox"/>	<input type="checkbox"/>
Upper-Level (UL WE)				<input type="checkbox"/>	<input type="checkbox"/>

## Graduation Requirements include:

A minimum of 120 credits is required for degree completion, 30 of which must be earned at UW-Green Bay.

The minimum credit residency requirement for a major is 15 credits.

The minimum credit residency requirement for a minor (if required) is 9 credits.

One half of the upper-level requirements for any major, minor, etc., must be earned at UW-Green Bay.

Refer to the Undergraduate Academic Catalog for additional requirements: [Components of a Degree](#)



# Computer Science Major Software Engineering Emphasis

<b>MAJOR REQUIREMENTS</b>				<b>64 Total Credits</b>	
		<i>EN-Enrolled in Term or TR-Transfer Credit</i>		<i>Needed</i>	<i>Completed</i>
<b>Supporting Coursework</b>				<b>31 Credits</b>	
COMM 166 or COMM 133 or Comm 237	3	801-196 Oral/Interpersonal Comm		<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 201 Intro to Computing & Internet Tech	3	152-101 AND 152-121 AND 152-133		<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 221 Database Design & Management	3	152-168 AND 152-170		<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 231 Introduction to IT Operations	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 240 Discrete Mathematics	4			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 256 Intro to Software Design	4	152-114 AND 152-108		<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 292 Intro to Mobile Platforms & Apps	3	152-111, 152-116 AND 152-180		<input type="checkbox"/>	<input type="checkbox"/>
MATH 202 Calculus and Analytic Geometry 1	4			<input type="checkbox"/>	<input type="checkbox"/>
MATH 260 Introductory Statistics	4			<input type="checkbox"/>	<input type="checkbox"/>
<b>Software Engineering Emphasis</b>				<b>33 Credits</b>	
COMP SCI 316 Advanced Software Design	4			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 351 Data Structures	4			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 353 Computer Architecture & Org	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 357 Theory of Programming Lang	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 371 Advanced Object-Oriented Design	4			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 372 Software Engineering	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 450 Theory of Algorithms	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 452 Operating Systems Using Linux	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI 464 Artificial Intelligence	3			<input type="checkbox"/>	<input type="checkbox"/>
COMP SCI/INFO SCI/COMM 3XX/4XX	3			<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credit taken at UWGB</b>				<b>71-82</b>	

**\*\*Credits taken at UWGB vary due to Prerequisites needed for Math courses\*\***