


# PROGRAMMING AND SOFTWARE DEVELOPMENT POSTBACCALAUREATE CERTIFICATE

(Currently Not Accepting Enrollments)

The  icon appears in the title of traditional courses that are also available as a set of module courses.

## Description and Outcomes

**Effective May 18, 2022, this program will no longer be accepting enrollments or reentries.** Students interested in a similar program may consider the Secure Software Development and Quality Assurance Micro-credential (<https://catalog.purdueglobal.edu/bulletin/secure-software-development-qa/>).

The objective of the Programming and Software Development Postbaccalaureate Certificate program is to prepare you with the critical knowledge and technical skills to pursue entry-level positions in the field of programming and software development. The certificate program is designed to provide foundational knowledge of key information technology areas including software development, advanced programming, and advanced database concepts; and advanced software development and design strategies. You will explore various types of programming languages and study to gain proficiency.

This certificate program could also help you prepare for the CIW Associate Design Specialist certification exam.

Qualified credits earned in fulfillment of this certificate program may be transferable to certain Purdue Global degree programs.

## Program Length

The Programming and Software Development Postbaccalaureate Certificate program consists of a minimum of 34 quarter credit hours. Upon successful completion of the program, you will be awarded a certificate.

## Program Outcomes




1. Client and System Specifications: Use software development skills to create solutions that meet the needs of users and organizations.
2. Technology and Business Analysis: Evaluate IT trends and current best practices in software development to recommend the best product for each business process.

## Program Availability

For program availability, please refer to the U.S. State and Other Approvals (<https://catalog.purdueglobal.edu/policy-information/university-information/accrreditation-approvals-memberships/>) section and Program Availability Information (<https://www.purdueglobal.edu/catalog-program-availability-info.pdf>).

## Policies

### Progression Requirements

If you are enrolled in the Programming and Software Development Postbaccalaureate Certificate, you will have the prerequisites of IT117  Website Development, IT234  Database Concepts, and IT302  Human Computer Interaction waived.

### Certification, State Board, and National Board Exams


Certain state certification and licensure boards have specific educational requirements for programs to lead to a license or certification that is a precondition for employment in a recognized occupation. Prospective and current students must review Purdue Global's State Licensure and Certifications (<https://www.purdueglobal.edu/about/accrreditation/licensure-state-authorizations/>) site to view program and state-specific licensure information.

Unless otherwise specified, Purdue Global's programs are not designed to meet any specific state's licensure or certification requirements. Licensure-track programs may limit enrollment to students in certain states; please see Purdue Global's Program Availability Information (<https://www.purdueglobal.edu/catalog-program-availability-info.pdf>) to determine enrollment eligibility.

You are responsible for understanding the requirements of optional certification exams. Such requirements may change during the course of your program. You are not automatically certified in any way upon program completion. Although certain programs are designed to prepare you to take various optional certification exams, Purdue Global cannot guarantee you will be eligible to take these exams or become certified. Your eligibility may depend on your work experience, completion of education and/or degree requirements, not having a criminal record, and meeting other certification requirements.



Upon completion of the certificate program, you may be eligible to take the CIW Web Foundation Series of Certifications.

## Degree Plan

The  icon appears in the title of traditional courses that are also available as a set of module courses. Module course availability may be limited to certain academic calendars. See Course

Types (<https://catalog.purdueglobal.edu/policy-information/university-information/approach-to-learning/>) for information about module courses.

## Program Requirements

Code	Title	Credits
<b>Major Requirements</b>		
IT213	 Software Development Concepts	5
IT232	 Software Design and Development Concepts	5
IT350	 Advanced Database Concepts	6
IT391	 Advanced Software Development Including Web and Mobility	6
IT481	 Advanced Software Development	6
IT488	 Software Product Development Using Agile	6

Total Major Requirements	34
<b>TOTAL CREDITS</b>	<b>34</b>