Bachelor of Science in Computer Science

Create Sophisticated Applications With a Computer Science Degree

In WilmU's BS in Computer Science program, you'll gain the comprehensive technical knowledge and skills necessary to launch your IT career. You'll study computer systems and networks, security, database systems, human-computer interaction, programming languages and applications. Earn your degree in person, 100% online or through a combination of both.

Content-Rich IT Degree Curriculum Stays Current With Technology
You'll gain expertise in leading-edge systems development tools and programming software, including HTML/CSS, PHP, Java, JavaScript, C# and C++. The coursework fully prepares you in user-centered design, object-oriented methodologies, database design, computer science fundamentals, computer architecture, mobile apps and the most current methods of systems analysis.

Credit for IT Certifications and Prior Learning
You can earn your degree even faster (and save tuition dollars) by earning WilmU academic credit for previously earned degrees and courses as well as professional experience licenses and certifications you already hold — up to 90 credits!

Coursework Infused With Hands-On Learning
This program combines theory and practice through courses with hands-on learning experiences. You'll be job-ready for a career as an IT consultant, information systems manager, database administrator, multimedia programmer or systems analyst.

Dual-Credit ADVANTAGE™ Accelerated Option
Interested in getting a head start on a master's degree? Students may be eligible to incorporate five graduate-level courses into this undergraduate course of study — and at the undergraduate tuition rate! These courses and their credits would apply to both the BS in Video Production and the MS in Computer Science.

Get started today at wilmu.edu/Apply.

40 courses | 120 total credits
Finish your Computer Science degree faster by transferring credits.

$1,257
per course
Cost of a typical 3-credit course.

Classes start every 8 weeks.

WILMINGTON UNIVERSITY™
TECHNOLOGY

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General Education Requirements

- ☐ English Composition (12 Credits)
- ☐ Humanities (6 Credits)
- ☐ Social Science (6 credits)
- ☐ Mathematics (3 Credits)
- ☐ Natural Science (3 or 4 Credits)
- ☐ Computer Operations (3 Credits)
- ☐ Critical Analysis (3 Credits)
- ☐ Citizenship (3 Credits)

Free Electives (15 Credits)

Choose free electives to complete the degree requirements of 120 credit hours.

- ☐ Free Electives (15 Credits)*

Students will complete an additional 18 credits from either the Artificial Intelligence Concentration, the Data Analytics Concentration or Computer Science (no concentration).

Artificial Intelligence Concentration (18 credits)

☐ CSC 370	User-Centered Design	✓
☐ CSC 414	Ethics for AI and Data Analytics	✓
☐ CSC 419	Python for Data Science	✓
☐ CSC 420	Intro to Artificial Intelligence	✓
☐ CSC 430	Machine Learning Principles	✓
☐ CSC 470	Computer Vision and Image Analysis	✓

Data Analytics Concentration (18 credits)

☐ BBA 430	Data Visualization	✓
☐ CSC 402	Data Analysis Storytelling	✓
☐ CSC 407	Statistics for Data Analysis	✓
☐ CSC 414	Ethics for AI and Data Analytics	✓
☐ CSC 419	Python for Data Science	✓
☐ ISM 420	Data Modeling and Warehousing	✓

Accelerate Your Master's Degree

Replace up to five of your electives with graduate courses to get a head start on your master's degree and, potentially, earn a graduate certificate.

Computer Science Core (48 Credits)

☐ CSC 100	Web Design and Development	
☐ CSC 200	Computer Science Fundamentals	
☐ CSC 305	Computer Architecture	✓
☐ CSC 306	PHP Application Development	✓
☐ CSC 315	Fundamentals of Object-Oriented Programming	✓
☐ CSC 325 *OR* ☐ CSC 310	Java Programming I / Microsoft .NET I	✓
☐ CSC 335 *OR* ☐ CSC 311	Java Programming II / Microsoft .NET II	✓
☐ CSC 240	JavaScript	✓
☐ CSC 345	Database Foundations	✓
☐ CSC 350	Innovative Web Development	✓
☐ CSC 400	Object-Oriented System Analysis and Design	✓
☐ CSC 489 *OR* ☐ CSC 490	Experiential Learning in Computer Science / CSC Internship	✓
☐ MAT 200	Precalculus	
☐ SCI 240	Concepts in Physics	
☐ SEC 100	Introduction to Computer Hardware and Operation	
☐ SEC 235	Networks and Telecommunications	

Computer Science - No Concentration (18 credits)

☐ BBA 430	Data Visualization	✓
☐ CSC 370	User-Centered Design	✓
☐ ISM 420	Data Modeling and Warehousing	✓
☐ PHI 314	Ethics for Computer Professionals	✓
☐ SEC 205	Fundamentals of Cybersecurity	
☐ SEC 290	Introduction to Programming With Python	✓

✓ = *Typical Completion Degree Course*

* Students with fewer than 16 transfer credits are required to take **FYE 101** as one of their electives.

Dual-Credit ADVANTAGE™

SAVE TIME & TUITION

You can apply selected courses (and their credits) in this degree program to a variety of WilmU certificate programs, allowing you to earn a resume-boosting certificate and your bachelor's degree simultaneously.
Learn more at wilmu.edu/DualCredit.

Related Dual-Credit Certificates:

- Java Programming
- Microsoft .NET Applications Development
- Web Applications Development
- Management Information Systems *(Grad)*
- Technology Project Management *(Grad)*
- Artificial Intelligence
- Data Analytics

Already have an associate degree?

A WilmU completion degree provides just the courses you need to earn your bachelor's degree.

Look for the ✓ to see typical completion degree courses.
Prerequisite courses not listed here may be required

Have questions? We're here to help!

Academic Recruiters

(302) 213-3916
recruiting@wilmu.edu

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TECHNOLOGY

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