Bachelor of Science in Information Technology with Advanced Software Developer Certificate

University of Phoenix®

Approx. program length:	Credits:	Cost per credit:	Format:
4 years	120	$398 Tuition Guarantee	Online

Develop your software skill set

Every computer program has an imaginative mind behind it. Cultivate your programming and software engineering skills with a BS in Information Technology with an Advanced Software Developer Certificate. Hands-on labs and simulations offer real-life programming opportunities. And, you'll take just one 5-week course at a time, so you can balance education with work and life.

In this Bachelor of Science in Information Technology with an Advanced Software Developer Certificateprogram, you'll learn to:

- Design and develop system and application software
- Apply scripting language to web apps, games and other applications
- Design network and cloud infrastructure
- Implement cybersecurity solutions

This bachelor's degree program's certificate option allows you to take core courses early in your program. The Advanced Software Developer Certificate you earn will be an additional credential, helping you move toward your career goals even before you graduate.

You can select certificate options or elective areas that prepare you to sit for industry certifications such as Microsoft® C# and C++, and Oracle® Java® SE 8 Programmer.

What sets us apart?

When you choose our Bachelor of Science in Information Technology with an Advanced Software Developer Certificate, you can:

Learn from IT pros

Our programs integrate real-world IT principles taught by faculty with an average of 26 years of experience as CEOs, CIOs, IT directors and other industry roles.

Learn on your schedule

Designed to fit into the lives of busy working adults, this degree program can be completed in short, manageable, 5-week courses.

Finish your degree faster

Transfer prior college credits or apply to have relevant industry certifications or licenses evaluated for potential credit.

View the gainful employment disclosures for the Advanced Software Developer Certificate (Undergraduate)

View the gainful employment disclosures for the Bachelor of Science in Information Technology

Bachelor of Science in Information Technology with Advanced Software Developer Certificate

Projected job growth:

24%

According to Bureau of Labor Statistics

Job opportunities

According to the Bureau of Labor Statistics, the job growth for software developersis projected to be 24 percent between 2016 and 2026. A Bachelor of Science in Information Technology with an Advanced Software Developer Certificate can help prepare you to be an:

- Applications developer
- Software developer

Gain real-world industry skills

Industry certification shows employers you've taken extra steps to gain the skills required for the job. Courses in our programs prepare you to sit for industry certification exams, such as Microsoft® C# and C++, and Oracle® Java® SE 8 Programmer.

Networking opportunities

Access powerful networking tools through our PhoenixLink™ career services platform. Take advantage of personal career coaching. Search and apply for jobs, or make your resumé visible to employers. And connect with employers and alumni through career fairs and mixers. It's all about connections. And we help you make them.

Learning outcomes

Along with the knowledge and skills related to the University Learning Goals, students who graduate from the College of Information Systems and Technology should gain program-specific knowledge, skills and abilities. Each college or school creates a set of Program Student Learning Outcomes (PSLOs) to describe the knowledge, skills or attitudes students will possess upon completion of the program of study. By the time you complete your Bachelor of Science in Information Technology with an Advanced Software Developer Certificate, you should be able to perform these learning outcomes.

The goal of accreditation is to ensure that education provided by institutions of higher education meets acceptable levels of quality. Accreditation is your assurance the University meets quality standards.

Institutional accreditation

Regional accreditation is an institution-level accreditation status granted by one of six U.S. regional accrediting bodies. Accreditation by more than one regional accrediting body is not permitted by the U.S. Department of Education.

University of Phoenix is accredited by the Higher Learning Commission (HLC), hlcommission.org. Since 1978, University of Phoenix has been continually accredited by the Higher Learning Commission and its predecessor.

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Course length:	Total credits required:	Max. number of transfer credits:
5 weeks	120	90

Requirements and prerequisites

You'll need 120 credits to complete this program. These may be earned through a combination of required and elective courses. Required courses may vary based on previous experience, training or transferable credits. View general requirements

Transfer credits

Earn your degree faster. Transfer eligible college credits or, if you have industry or professional certifications such as Microsoft® C# and C++, and Oracle® Java® SE 8 Programmer, you can apply to have relevant certifications or licenses evaluated for potential college credit. Industry certifications may help you get credits waived at no additional cost to you. Contact an enrollment representative at 844.YES.UOPX for more information.

Industry review

Our Industry Advisory Council, comprised of experienced technology leaders, meets regularly to help ensure our educational programs are up to date and aligned with current and emerging industry trends. This is just one more way a University of Phoenix® BSIT degree can help you develop the skills you'll need in the technology world.

Core courses

- CYB100: Cyber Domain
- CMGT400: Intro To Information Assurance & Security
- CIS207: Information Systems Fundamentals
- DAT305: Data Structures For Problem Solving
- BSA375: Fundamentals Of Business Systems Development
- CYB130: Object-oriented Scripting Language
- DAT390: Database Integration With Other Systems
- DAT380: Advanced Database Architecture
- CMGT410: Project Planning And Implementation
- DAT210: Data Programming Languages
- NTC362: Fundamentals Of Networking
- CYB110: Foundations Of Security
- CYB205: Infrastructure Administration
- PRG211: Algorithms And Logic For Computer Programming
- BSA425: Bsit Capstone