

# Scripted and Compiled Programming Languages Certificate (Undergraduate)



Approx. program length:

**9 months**

Credits:

**21**

Cost per credit:

**\$398**

[Tuition Guarantee](#)

Format:

**Online**

## Scripted and Compiled Programming Languages Certificate (Undergraduate)

If there isn't already an app for that, then someone needs to build it. With our Certificate in Scripted and Compiled Programming Languages it could be you. Gain a solid foundation in Python and Java to help you create programs for use in fields like data analysis, cybersecurity and application development.

### You'll learn how to:

- Use Python and Java to solve common challenges
- Create applications for cybersecurity, information technology, data analysis, software development, application development, mobile development and web development

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## Institutional accreditation

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

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Total credits required:

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**21**

## Requirements and prerequisites

You'll need 21 credits to complete this Certificate in Scripted and Compiled Programming Languages. Your course schedule may vary based on transferable credits or credits earned through the University's Prior Learning Assessment.

## 7 Core Courses

Here's where you'll pick up the bulk of your program-specific knowledge. By the time you finish these courses, you should have the confidence and skills needed in this field.

- PRG/211: ALGORITHMS AND LOGIC FOR COMPUTER PROGRAMMING
- CYB/130: Object-Oriented Scripting Language
- CYB/135: OBJECT-ORIENTED SECURITY SCRIPTING
- PRG/420: JAVA PROGRAMMING I
- PRG/421: JAVA PROGRAMMING II
- DBM/380: DATABASE CONCEPTS
- PRG/430: PROGRAMMING PROJECT CAPSTONE: WEB OR CLOUD APPLICATION