

COURSE DETAIL

PROGRAMMING

Country

Netherlands

Host Institution

Leiden University College

Program(s)

Leiden University College

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

50

UCEAP Course Suffix**UCEAP Official Title**

PROGRAMMING

UCEAP Transcript Title

PROGRAMMING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course serves as a starting point in which students develop basic programming skills and obtain a much better understanding of what programming entails. The ability to program or at least to understand how programming works and what it can do is very important for approaching most if not all global challenges of today, be it climate change, crisis management, tackling health issues, or fighting poverty and discrimination, because programming enables the use of available data and tools to recombine them into useful, specific applications that help people to make better informed decisions. The course starts with the basics of programming using the programming language Python. Python is relatively simple and concise compared to other programming languages and students interactively explore it and try to reach a level where they can set up little programs, defining their own projects.

Language(s) of Instruction

English

Host Institution Course Number

4503PRGR5Y

Host Institution Course Title

PROGRAMMING

Host Institution Course Details

<https://studiegids.universiteitleiden.nl/en/courses/97875/programming>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Year 1 Courses

Course Last Reviewed

2020-2021

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