DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES

© iStock.com/SeventyFour

Table of Contents

Language course/short course

Introduction to Python Programming ONLINE

Technische Universität Berlin • Berlin

Overview

Course location	Berlin
Teaching language	• English
Language level of course	• English: B2
Date(s)	• 15 July - 9 August 2024 (Registration deadline of course provider: 14 June 2024) • 12 August - 23 August 2024 (Registration deadline of course provider: 15 July 2024)
Mode of study	Fully online
Phase(s) of attendance in Germany (applies to the entire course)	None
Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Information on dates, prices and mode of study	Course fees for Introduction to Python Programming Online are as follows: **Two-week course:** • **Student: 980 EUR** • **Working professional/Non-student: 1,460 EUR** **Four-week course:** • **Student: 1,080 EUR** • **Working professional/Non-student: 1,610 EUR**
Target group	This course is designed for current university students, working professionals and any individuals with an interest in gaining skills in how to program in Python. Participants from all fields and disciplines are welcome, however, students who do not come from the fields of computer science, mathematics or engineering (or other STEM-related fields) should be aware that the course is designed with these fields in mind. Participants from unrelated disciplines may need to make use of additional materials provided during the preparation week and to put in extra effort during the course in order to be able to follow and participate actively. Prerequisite: at least one year of university experience Please contact us if you should have any questions.

| Description/content | The Python programming course provides participants with a solid understanding of structured Python programming. Some useful Python modules (mainly for data processing) will also be learned. The course is mainly comprised of two parts: Python programming and advanced Python modules. For the first part, you will learn about basic Python programming grammar and syntax including data types, control structures, file operations, structured programming, basic debugging, etc. You will gradually be effective to use Python codes to solve certain tasks based on a lot of practice and gain knowledge of simple algorithms. In the second part, you will learn some of the most common and popular Python modules in data collection, processing, analysis, and visualisation.

Four-week course: 6 ECTS credit points

Two-week course: 3 ECTS credit points |
| --- | --- |

Course details

Recognised language exams offered (e.g. DSH, TestDaF, TOEFL)	No
Types of online learning elements	• Online sessions
ECTS points (max.)	6

Costs / Funding

Dates and costs	• 15 July - 9 August 2024 (Registration deadline of course provider: 14 June 2024), **costs: EUR 1,080** • 12 August - 23 August 2024 (Registration deadline of course provider: 15 July 2024), **costs: EUR 980**
This price includes	• Course fees • Accompanying programme
Information on dates, prices and mode of study	Course fees for Introduction to Python Programming Online are as follows: **Two-week course:** • **Student: 980 EUR** • **Working professional/Non-student: 1,460 EUR** **Four-week course:** • **Student: 1,080 EUR** • **Working professional/Non-student: 1,610 EUR**

Requirements / Registration

Teaching language	• English
Language level of course	• English: B2
Language requirements	Participants of the TU Berlin Summer University & Winter University must meet the following requirement: level B2 English or equivalent
Submit application to	Please apply via our application portal.

Services

Is accommodation organised?	The organiser does not provide assistance.
Is a social and leisure programme offered?	Yes
Description of social and leisure programme	Cultural programme sessions during the week after course hours (virtual museum visits, virtual guided walking tours, etc.)
Free internet access	No
Support in visa matters	No
Pick-up service from train station/airport	No

Contact

Technische Universität Berlin
TU Berlin Summer University

Hardenbergstr. 16-18
10623 Berlin

Tel. +49 3044720230
✉ tubsummerschool@tubs.de
🌐 Course website: https://www.tu.berlin/en/international/summer-school/summer-school/summer-school-online/t2-introduction-to-python-programming

f https://www.facebook.com/TUBerlinSU

in https://www.linkedin.com/in/tuberlinsummeruniversity/

○ https://www.instagram.com/tuberlinsummeruni/?hl=de

Last update 22.07.2024 13:19:39

International Programmes in Germany - Database

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".