Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES

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Language course/short course

Programming in Java
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: 19 June 2024)
Information on dates, prices and mode of study	Course fees are as follows: • **Student: 2,150 EUR** • **Working professional/non-student: 2,570 EUR** Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.
Target group	This course is designed for current university students, working professionals and any individuals with an interest in learning how to program in Java and deepen their knowledge in the field of computer science. Participants from all fields and disciplines are welcome! **Prerequisites** • Basic computer skills • Knowledge of school-level mathematics, in particular, the following skills: calculate with complex numbers, matrices and how to handle planes and lines • Knowledge of some basic Linux commands is also useful (but they will be also introduced in the course)
Description/content	The unique architecture of Java enables programmers to develop a single application that can run across multiple platforms seamlessly and reliably. In this course, students gain extensive experience with Java and it object-oriented features. Students learn to create robust console and GUI applications. This course introduces computer programming using the Java programming language with object-oriented programming principles. Emphasis is placed on event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger. The course will includes over 500 examples and will conclude with several case studies. There will be some assignments that will give the students more understanding of the programming concepts.

Course details

Recognised language exams offered (e.g. DSH, TestDaF, TOEFL)	No
ECTS points (max.)	3

Costs / Funding

Dates and costs	• 15 July - 9 August 2024 (Registration deadline of course provider: 19 June 2024), **costs: EUR 2,150**
This price includes	• Course fees • Accompanying programme
Information on dates, prices and mode of study	Course fees are as follows: • **Student: 2,150 EUR** • **Working professional/non-student: 2,570 EUR** Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.

Requirements / Registration

Teaching language	• English
Language level of course	• English: B2
Language requirements	Participants of the TU Berlin Summer and Winter School must meet the following requirement: level B2 English or equivalent
Submit application to	Please check our online application portal.

Services

Is accommodation organised?	Accommodation is arranged by the organiser.

Type of accommodation	Hotel room with twin beds (double occupancy)
Is a social and leisure programme offered?	Yes
Description of social and leisure programme	Cultural programme sessions during the week after course hours (museum visits, guided walking tours, lake excursions, etc.) and at the weekend (trips to other cities such as Dresden, Leipzig, Potsdam)
Free internet access	Yes
Support in visa matters	Yes
Pick-up service from train station/airport	No

Contact

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🌐 Course website: https://www.tu.berlin/en/international/summer-school/summer-school/summer-school-on-campus/java-programming

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

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

○ https://www.instagram.com/tuberlinsummerschool/

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