Course: Introduction Java

credits: 3

Course code	BFVH3JAVA
Name	Introduction Java
Study year	2023-2024
ECTS credits	3
Language	Dutch, with parts in English
Coordinator	M.A. Noback
Modes of delivery	Lecture Tutorial
Assessments	- Computer, organised by School

Learning outcomes

After attending this course, students will have knowledge of, and can apply the following aspects to small-scale programming tasks:

- The Java programming language elements: syntax, methods, classes, interfaces, enums
- Object-oriented concepts: inheritance, polymorphism
- IO, regular expressions, Exceptions and Collections.
- Using the IntelliJ Idea IDE for programming, refactoring and version control.
- Basic usage of Gradle project management (in concordance with IntelliJ)
- Running JUnit test cases using IntelliJ

Content

During this introductory course you will learn to program in Java, how to create an very basic Object-Oriented design, work with the IntelliJ Idea IDE and use git as a version control system.

Included in programme(s)

Bio-Informatics

School(s)

Institute for Life Science & Technology

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