

# Learning how to program in Python

## GOALS

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Programming is the skill of the future. The Python training course is responding to this by immersing you fully in one of the fastest-growing programming languages over four days, starting from the most basic level. This Python training will take place in English.

The aim of this training course is to provide the following chapters:

- Basic programming;
- Object orientated programming;
- Python and databases.

## SUMMARY

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### Category:

- Personal development

### Difficulty level:

Basic

### Certification type:

Seminar

### Price:

- Member: € 2120.00
- Non member: € 2560.00
- Partner BZB: € 2120.00
- Incompany: custom tailored, prices on demand

## INTENDED AUDIENCE

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This training course is interesting if you want to take the first steps in programming in Python and is therefore attractive for all kinds of profiles. To follow

this training you don't need prior programming experience.

## FOREKNOWLEDGE

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**Basic level:** mainly teaches theoretical concepts to provide a general overview (introduction).

## CONTENT

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### Content

In this training course, the trainer will always start with an overview of the topics to be dealt with and then explain these with examples. Afterwards, the participants can develop exercises to familiarise themselves with the subjects. So it's certainly a practical training course.

### Basic programming in Python

- Variables and data types
- Operators and expressions
- Conditions and loops
- Control structures
- Functions and modules

### Object Orientated Programming

- Classes and objects
- Data, scope and Methods
- Static and Nonstatic
- Constructors and destructors
- Overloading
- Coercion and conversion
- Inheritance and polymorphism

### Python and databases

- Python database interfaces
- The Python DB-API

## PRACTICAL INFORMATION

**Duration:** 4-day training course

**Time:** 9 a.m. - 5 p.m. (6 training hours per day)

**Location:** Febelfin Academy, Phoenix Building - Koning Albert II-laan/Boulevard du

Roi Albert II 19 1210 Brussels

**Extra information:** This training will be given in English

**Preparation of the student:** Log onto the learning platform my.febelfin-academy.be to prepare for the training course and to download your course material.

## METHODOLOGY

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**Type of course:** Classroom

During our theoretical training courses we offer a combination of theory and practical exercises. The cases, examples and exercises are taken from everyday situations or are contributed by you and then solved under the guidance of the trainer.

### **Training material**

- PowerPoint presentation (slides)