

# UML Language I

Course code: GOC26

The course is designed for all who want to learn the basics of UML and the possibilities of its use in the analysis and design of information systems. The course will introduce the basic symbols of the UML diagrams and individual connections between them.

| Affiliate  | Duration | Course price | ITB |
|------------|----------|--------------|-----|
| Praha      | 2        | 13 000 Kč    | 20  |
| Bratislava | 2        | 520 €        | 20  |

The prices are without VAT.

## Course terms

| Date                                                                                         | Duration | Course price | Type     | Course language | Location         |
|----------------------------------------------------------------------------------------------|----------|--------------|----------|-----------------|------------------|
|  24.11.2025 | 2        | 468 €        | Online   | CZ/SK           | Online           |
|  24.11.2025 | 2        | 13 000 Kč    | Online   | CZ/SK           | Online           |
|  08.12.2025 | 2        | 13 000 Kč    | Presence | CZ/SK           | GOPAS Praha      |
| 09.02.2026                                                                                   | 2        | 520 €        | Online   | CZ/SK           | Online           |
| 16.02.2026                                                                                   | 2        | 13 000 Kč    | Presence | CZ/SK           | GOPAS Brno       |
| 02.03.2026                                                                                   | 2        | 13 000 Kč    | Presence | CZ/SK           | GOPAS Praha      |
| 13.04.2026                                                                                   | 2        | 520 €        | Presence | CZ/SK           | GOPAS Bratislava |
| 25.05.2026                                                                                   | 2        | 13 000 Kč    | Presence | CZ/SK           | GOPAS Praha      |
| 08.06.2026                                                                                   | 2        | 13 000 Kč    | Presence | CZ/SK           | GOPAS Brno       |
| 22.06.2026                                                                                   | 2        | 520 €        | Online   | CZ/SK           | Online           |

The prices are without VAT.

## What we teach you:

- We explain the importance of modeling
- Explain the benefits of UML
- You get an overview of the basic elements and diagrams, UML

## Who the course is for:

- The course is intended for analysts and developers who want to learn the basics of UML.

## Teaching methods:

- Professional explanation with practical samples and examples.

## Teaching materials:

- Powerpoint handouts and module printouts.

## Course syllabus:

### Modeling

- The purpose and benefits of modeling
- Types of modeling
- Static modeling
- Dynamic modeling

### Introduction to the Unified Modeling Language (UML)

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# UML Language I

- History of UML
- What is and what is not UML

Formation diagrams and their use

Diagram negotiations (use case diagram)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

Packages (packages)

- Purpose
- Examples and exercises

The class diagram (class diagram)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

Object diagram (diagram object)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

Activity diagram (activity diagram)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

Interaction - Sequence diagram (sequence diagram)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

State diagram (statechart)

- Purpose
- The basic elements of the diagram
- Assembly Procedures
- Following further diagrams
- Examples and exercises

## GOPAS Praha

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