

# 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	11 200 Kč	20
Brno	2	11 200 Kč	20
Bratislava	2	480 €	20

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
<b>G</b> 17.03.2025	2	11 200 Kč	Presence	CZ/SK	Gopas Praha Prezenční
14.04.2025	2	480 €	Online	CZ/SK	Gopas Bratislava Online
14.04.2025	2	11 200 Kč	Online	CZ/SK	Gopas Praha Online
12.05.2025	2	11 200 Kč	Presence	CZ/SK	Gopas Brno Prezenční
09.06.2025	2	480 €	Presence	CZ/SK	Gopas Bratislava Prezenční
23.06.2025	2	11 200 Kč	Presence	CZ/SK	Gopas Praha Prezenční

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)

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

### Formation diagrams and their use

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## 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

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