

Advanced Programming in PHP

Course code: INTPH_ADV

This course is intended for PHP developers who already have experience with creating Web applications and object-oriented programming and want to share their skills and abilities to move further. In this course we will deal with innovations in PHP, MVC architecture and PHP standards, the investigation time and costs by using existing libraries elegant, processing large XML / JSON file, efficient work in the IDE and automated testing code.

Affiliate	Duration	Course price	ITB
Praha	2	11 000 Kč	20
Brno	2	11 000 Kč	20
Bratislava	2	440 €	20

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
29.10.2026	2	11 000 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

Who the course is for:

- Work with the latest features in PHP.
- Use PHP standards.
- Use MVC architecture.
- Use existing libraries and API.
- Work effectively in the IDE.
- Handle large XML and JSON use.
- Secure Web applications.
- Using versioning, logging and profiling applications

Required skills:

- Knowledge of object oriented programming in PHP at least at the rate INTPH_OOP - classes, objects, interfaces, composition, inheritance, visibility (private / protected / public).
- Experience with the development and maintenance of applications in PHP.

Teaching methods:

- Professional explanation with practical samples and examples.

Teaching materials:

- Powerpoint handouts and module printouts.

Course syllabus:

News in recent versions of PHP

- What version of PHP use.
- Namespaces.
- Anonymous functions, closures
- PHP 7

Development environment

- Effective work with code shortcuts, refactoring.
- Debugging - xdebug.

GOPAS Praha
Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



Copyright © 2026 GOPAS, a.s.,
All rights reserved

Advanced Programming in PHP

Using existing libraries

- Installation using the Composer
- Presentation of selected libraries.

The MVC architecture

- What's MVC.
- Using the MVC.

PHP standards - PSR

- PSR-0, SG-1, SG-2, SG-4

Safety

- Safe handling passwords and other sensitive information.
- Prevention of common vulnerabilities - Cross-site scripting (XSS), CSRF (cross-site request forgery), SQL Injection (SQLite).

XML / JSON

- Processing of large XML.
- Acquisition of data in JSON in communication with the API. Processing of data from JSON.

Testing

- Introduction into testing.

Operation applications

- Versioning code.
- Processing and logging errors.
- Application profiling.

GOPAS Praha

Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



Copyright © 2026 GOPAS, a.s.,
All rights reserved