

THE TARGET GROUP

Teachers,

- ✓ ... who teach biology, chemistry, computer science, mathematics or physics at secondary level I.
- ✓ ... who want to teach in an innovative and competence-oriented way.
- ✓ ... who want to teach their young people creative problem solving with new teaching techniques.
- ✓ ... who want to carry out exciting and interesting experiments.
- ✓ ... who would like to become part of a nationwide community.



OUR CONTENTS

- Didactic concepts for the diagnosis and promotion of creative problem-solving competence
- Concrete teaching techniques and experiments for science lessons
- Techniques to strengthen team processes and self-efficacy

ORGANISATIONAL

- Course with 9 ECTS in two semesters
- Alternating input and implementation phases
- Presence and online appointments
- Year-round support in implementing the new techniques in their own teaching

REGISTRATION

<https://ph-ooe.at/lehrgang-anmeldung>

01 May 2023 until 18 June 2023

For questions please mail to:

kurt.haim@ph-ooe.at



University course „flex-based Learning“

Creative problem-solving skills in STEM lessons

TIMELINE

Input-Phase 1	Mon. 25.09.2023	15:00 – 17:30 Online
	Mon. 02.10.2023	15:00 – 17:30 Online
	Mon. 09.10.2023	09:30 – 20:30 Presence
	Tue. 10.10.2023	09:00 – 13:00 Presence

Implementation 1	winter semester 2023/2024	
1. Reflection meeting	Mon. 20.11.2023	15:00 – 18:00 Online
2. Reflection meeting	Mon. 04.12.2023	15:00 – 18:00 Online

Input-Phase 2	Mon. 15.01.2024	15:00 – 17:30 Online
	Mon. 22.01.2024	15:00 – 17:30 Online
	Mon. 29.01.2024	09:30 – 20:30 Presence
	Tue. 30.01.2024	09:00 – 13:00 Presence

Implementation 2	summer semester 2024	
3. Reflection meeting	Mon. 18.03.2024	15:00 – 18:00 Online
4. Reflection meeting	Mon. 15.04.2024	15:00 – 18:00 Online

Degree	Mon. 17.06.2024	09:00 – 16:30 Presence
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DESCRIPTION

The course includes both face-to-face workshops (at the Upper Austrian University of Teacher Education) and online meetings (Zoom).

Input phases

The two input phases take place in autumn and spring. Central elements are:

- ✓ e-lectures with reflection phases (Online)
- ✓ Workshops (presence and online)

Implementation phase

The implementation phases in the winter and summer semesters include the following elements:

- ✓ Use flex-techniques in your own teaching
- ✓ Reflections on the experience gained