



Continuing Education

CAS Leadership in Science

Objectives

The requirements on leaders in the scientific environment are becoming increasingly complex and challenging. This two-part modular course is aimed at people with managerial responsibilities in scientific environments, whether in their role as project managers or as direct line managers. Accompanied by experienced professionals from the field, you will expand your competence in leadership and communication. Course participants can improve their knowledge through an analysis project in their own company and learn to apply the acquired skills in their professional environment.

Target audience

This course is EXCLUSIVELY open to employees from research institutions in the ETH Domain (PSI, Empa, WSL and Eawag).

The program is aimed at People with leadership and management responsibilities in scientific environments and/or at research institutions, who are prepared to critically question themselves in their everyday activities and to discuss their own strengths and weaknesses to further develop their personality and their own professionalism.

Benefits

Part 1 (Basic)

You are aware of your personal strengths/weaknesses and utilise your skills in a target-oriented way. As a leader, you implement the strategy of a scientific institution with room for manoeuvre.

Part 2 (CAS)

You will learn to use changes/adaptations skilfully (change management) and get to know methods such as the morphological box. In addition, you will professionalise your presentation and moderation techniques and your presentation skills.

Contents

Part 1 (Basic)

- BIP Self Description with individual feedback
- Role of own behavioral patterns in the scientific-technical environment
- Dealing with stress
- Motivation and conflicts
- Team support

Part 2 (CAS)

- Change Management
- Tools for personal use
- Negotiating skillfully
- Presentation techniques and presentation skills

Thematic blocks

Leadership and self-management (Part 1)

- BIP Self Description
- History and principles of leadership
- Role of old models, lean management
- Importance of self-esteem in the technical environment / motivation / qualification
- Recognising own behaviour patterns
- Developing own strengths
- Time management / stress
- Technical vs. social skills

Communication (Part 1)

- Applied communication theories
- Metacommunication
- Communication in solving technical challenges
- Leading meetings in the creative development process of technical systems

Change management / self-presentation skills (Part 2)

- Dealing with resistance during change
- Change management at the intersection of day-to-day operations and innovation
- Presentation skills and moderation techniques, leading meetings
- Tools for creative processes
- Analysis of the culture in a technical organization/ case studies

Qualification

Part 1 (Basic):

Course credentials "Leadership in Science, FHNW-PSI"

Part 1 (Basic) + Part 2 (CAS):

"CAS FHNW in Leadership in Science" (10 ECTS)

Duration

Part 1 (Basic) 6 days

Part 2 (CAS) 6 days

Costs

Part 1 (Basic) CHF 3'100. -- / Part 2 (CAS) CHF 2'600. --

Location

Campus Brugg-Windisch

Personal consultation

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Administration

Questions regarding registration and admission:

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Address

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Registration

The number of available places is limited. Registrations are considered on a first come, first served basis.

Please register at least 4 weeks before the course starts.

Web

www.fhnw.ch/de/weiterbildung/technik/cas-leadership-science

