

Continuing Education CAS Leadership Science



Course objectives

The demands placed on managers 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. Supervised by tutors who are themselves experienced managers, you will expand your professionalism 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

People with leadership and management responsibilities in scientific environments and/or at research institutions, who are prepared to critique their everyday actions and discuss their own strengths and weaknesses in a bid to develop their personality and professionalism.

Benefits

Part 1 (Basic) 6 days

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

Part 2 (CAS) 6 days

You learn to use changes/adjustments skilfully (change management) and gain familiarity with methods such as the 'morphological box', cause-effect diagram and direttissima approach. In addition, you professionalise your presentation technique and self-presentation skills.

Contents

Part 1 (Basic)

- BIP test with personalised feedback
- Role of one's own behaviour patterns in the scientific/technical environment
- Coping with stress
- Motivation and conflicts
- Team supervision

Part 2 (CAS)

- Change management
- Tools for personal use
- Innovation management
- Presentation technique and self-presentation skills

Thematic blocks	Leadership and self-management (Part 1) <ul style="list-style-type: none"> • BIP test • History and principles of leadership • Role of old models, lean management • Importance of self-esteem in the technical environment / motivation / qualification • Recognising your own behaviour patterns • Developing your own strengths • Time management / stress • Professional vs. social skills Communication (Part 1) <ul style="list-style-type: none"> • Applied communication theories • Metacommunication • Communication in solving technical challenges • Leading meetings in the creative development process of technical systems • Gender and diversity Change management / self-presentation skills (Part 2) <ul style="list-style-type: none"> • Dealing with resistance to change • Change management at the intersection of day-to-day operations and innovation • Presentation of technical systems / self-presentation skills • Tools for creative processes • Analysis of the culture in a technical organisation / case studies 	
Qualification	Part 1:	Course credentials – "Leadership in Science", FHNW-PSI
	Parts 1+2:	Certificate: "CAS FHNW Leadership in Science" (10 ECTS)
Course dates	Part 1 (Basic):	25/26 September, 16/17 October, 4 and 6 November 2019
	Part 2 (CAS):	7 and 13, 25/26 November, 9/10 December 2019 with brief presentations and examination: 13/14 January 2020
Course fee	Part 1 (Basic) CHF 3000 / Part 2 (CAS) CHF 2500	
Course venue	Brugg-Windisch Campus	

Contact and registration

Personal consultation	Martin Hüsler, Course Leader +41 56 202 78 67, martin.huesler@fhnw.ch
Administration	Queries regarding registration and admission: Patrizia Hostettler, +41 56 202 99 55, patrizia.hostettler@fhnw.ch
Registration	A limited number of participants can register for this programme. Registrations are considered on a first come, first served basis.
Address	FHNW School of Engineering Continuing Education Office Klosterzelgstrasse 2 5210 Windisch
Web	www.fhnw.ch/wbt/cas/ls