

A University Diploma in « The Engineering of Online Education »

Properly designing and effectively delivering e-learning or online courses are challenging tasks that require a specialized set of competencies. Besides technical or professional competencies, pedagogical-didactical competencies are required as well. That's exactly what this diploma is all about. Once completing the required courses outlined below, participants will be able to:

- Design, develop, and deliver effective online courses
- Assess the achievement of learning outcomes in an online environment
- Identify innovative practices concerning online education
- Promote a humanistic approach to online learning that is guided by neuroscience

Courses (16cr.)	Learning Outcomes
E1. Instructional Design for Online Learning (3cr.)	<ul style="list-style-type: none"> ▪ Overview of Online Learning ▪ Planning online lessons (Pedagogical Aspects and Technical Considerations) ▪ Instructional Approaches ▪ Locating Online Resources ▪ Respecting Copyright Issues
E2. Online Teaching Strategies (6cr.)	<ul style="list-style-type: none"> ▪ Using Online Platforms (Teams, Zoom, Google...) ▪ E-classroom Management ▪ Conducting Effective Online Discussions ▪ Making and Editing Instructional Videos ▪ Integrating Digital Tools (Padlets, Blogs...)
E3. Student Assessment in Online Courses (3cr.)	<ul style="list-style-type: none"> ▪ Exploring assessment possibilities in an online environment. ▪ Examining Online Assessment applications ▪ Promoting ethical behaviors and Detecting Plagiarism in an online environment
E4. Neuroscience and Online Learning (3cr.)	<ul style="list-style-type: none"> ▪ Identify the various applications of neuroscience in an online learning environment ▪ Develop an emotional climate conducive to online learning ▪ Adopt a supportive posture in an Online Environment
E5. Practicum (1cr.)	<ul style="list-style-type: none"> ▪ Design and deliver an online lesson