

## **Course-specific competences or learning outcomes obtained in the programme:**

### **Students acquire the following competencies in compulsory courses:**

- The understanding of the entire ecosystem of open education and its basic elements, including national and institutional policies, the main building blocks and actors, fundamental processes and scenarios for their introduction, the added value of open education and possible barriers in the process of implementing open education in a national, local or organisational environment;
- Draw up or improve open education strategy for specific educational environments;
- Draw up plan of activities, resources, selection of appropriate ICT tools and training necessary for the realisation of proposed improvements;
- Develop open education solutions based on effective didactic approaches and accordingly apply the best available techniques;
- Create, test and assess open education solutions (applications, tools, services, platforms);
- Assess the adequacy of existing educational materials, identify gaps and prepare new open educational resources with the use of traditional and advanced ICT and in cooperation with field experts and teachers;
- Select and introduce appropriate advanced IT tools and open education methods, including artificial intelligence, blockchain in education, micro-learning and educational games;
- Analyse and assess the existing national and international policies relevant to open education and develop their tangible improvements in accordance with strategic objectives;
- Develop and implement competence and skill models and provide support to heads of personnel in connection with issues related to open personnel education;
- Establish open education processes, taking into account strategic objectives, existing policies and legal frameworks;
- Understand basic concepts of intellectual property law and appropriately consider them in the context of open education.

### **Students acquire the following competencies in compulsory elective courses (students must choose at least one of them):**

- Develop appropriate value-added models and organisational models, taking into account recent technological developments for open education;
- Train authors to draw up educational materials upon a thorough understanding of the intertwining of technological aspects with didactic, methodological and pedagogical aspects;
- Implement open education in a traditional and non-traditional context, for academic and non-academic environments.

### **Subject-specific competences acquired in other elective courses include:**

- Deep understanding of the importance of open education introduction into companies and organisations and ability to effectively establish and efficiently control human resources management (HRM) with the use of open education;
- Ability to develop curricula for open education in companies, in accordance with the necessary competences and skills in the company;
- Ability to connect company competences with international standards, capacity to analyse and model competencies, including the development of new models with the aim to provide improvements in the HRM area in relation to open education;
- Awareness and understanding of the use of learning games in education and training;
- Ability to critically assess, select and create educational games adapted to the requirements of open education;

- Ability to select existing educational games that best suit individual learning scenarios in academic, business or other formal or non-formal educational environments;
  - Ability to apply visual communication technologies in creating effective ways to achieve learning objectives;
  - Knowledge of up-to-date mobile technologies and services for contemporary micro and collaborative learning;
  - Ability to use modern computer tools in order to draw up micro-learning materials;
  - Ability to independently create and develop educational applications for mobile devices;
  - Understand the concept of educational information system protection against threats, security risk management and provision of compliance of these systems with regulations in the field of privacy protection;
  - Ability to identify and explore the links between open education and economic development, cultural changes and democracy;
  - Understand open research as a historical, global and social movement;
  - Ability to analyse or foresee the consequences in the state, local community, organisation or institution that applies open education principles in its policies or practices.
- Subject-specific competences ensure the attainment of the objectives pursued with the study programme.