



## Outline of main domains of transversal competences

Five major domains of competences are identified:

- Self-awareness
- Communication
- Collaboration
- Knowledge transfer and Entrepreneurship
- Ethics and Social Responsibility

Each of the above-mentioned domains contains a series of modules which reflect main areas of competences. The list is just an indication and is not exhaustive.

### Self-awareness

This domain includes the intra-personal skills required to work effectively and to support a continuing professional development.

The course modules proposed within this domain of competence should enhance the participants' awareness of their ways of working and learning and how this has implications for effective working, collaboration and communication with others. They will also help participants to recognise when they are at their most effective, develop their own approach to managing time and consider strategies to manage their work-life balance.

The course modules proposed within this domain of competence are:

- **Self-awareness and personality (e.g. Myers-Briggs Test Indicator - MBTI)**
- **Learning styles**
- **Stress management**
- **Time-management and work-life balance**

## **Communication**

The course modules proposed within this domain of competence should inform participants about the best practices in presenting and help them increase confidence in developing structured presentations through specific sessions about body language and rhetoric, audience analysis. Participants will also explore how to communicate research effectively with peers as well as with non-researchers (policy makers, experts and non-experts, the media, the public).

The modules can also address issues such as written communication and provide students with the opportunity to practice free writing techniques to help them overcome writer's block, explore how to efficiently manage and facilitate meetings, and how to encourage learning in others.

The course modules included within this domain of competence are:

- **Audience analysis**
- **Presentation skills**
- **Body language and rhetoric**
- **Conflict resolution**
- **Scientific communication**
- **Communicating with non-researchers**
- **Communicating the research to others**
- **Facilitation and meeting management**
- **Written communication and specific genres**

## **Collaboration**

This domain refers to the collaboration skills required to work effectively with others beyond cultural and disciplinary boundaries

The proposed course modules will give participants the opportunity to explore the benefits, practices and pitfalls of collaboration resulting in heightened awareness of what it means to be a successful collaborator. Participants will also consider what makes an effective team and think about their multiple roles within a team.

The course modules proposed here are:

- **Working multi-culturally**
- **Working effectively with others**
- **Working cross-disciplinary**
- **Working collaboratively in research**
- **People management**

## **Knowledge abilities, knowledge transfer and entrepreneurship**

This domain of competence refers to the skills and the knowledge needed for the effective management of a research work and for the professional development *through entrepreneurship*. The course modules proposed within this large domain of competence will focus on issues such as information search, analytical abilities, critical thinking and problem solving.

Sessions about creativity, generation of ideas and mind mapping can also be proposed in order to explore with participants what creativity is and how they can all harness their own creativity. Such modules should provide participants with techniques and tools to develop their creativity in the future and we suggest that participants should be given the opportunity to generate ideas using these new tools.

The course modules proposed within this large domain of competences are:

- **Information search**
- **Analytical abilities**
- **Critical thinking and problem solving**
- **Creativity, generation of ideas and mind mapping**
- **Networking (professionally and personally)**
- **Project management**
- **Risk management**
- **Building an international research team and securing funding**
- **Project planning, development and presentation**
- **Business planning**
- **Organisational leadership: different models and specific application of their leadership**
- **Career options**

## **Ethics and social responsibility**

The course modules proposed within this domain are:

- **Global citizenship**
- **Society and culture**
- **Legal requirements**
- **Respect and confidentiality**