



Methodology

Line 1: *Learning Outcomes: Competences*

Instrumental Competences: Those having an instrumental function. They include:

- *Cognitive* abilities, capacity to understand and manipulate ideas and thoughts.
- *Methodological* capacities to manipulate the environment: organising time and strategies of learning, making decisions or solving problems.
- *Technological* skills related to use of technological devices, computing and information management skills.
- *Linguistic* skills such as oral and written communication or knowledge of a second language.

Interpersonal Competences: *Individual* abilities relating to the capacity to express one's own feelings, critical and self-critical abilities. *Social skills* relating to interpersonal skills or team-work or the expression of social or ethical commitment. These tend to favour processes of social interaction and of co-operation

Systemic competences: those skills and abilities concerning *whole systems*. They suppose a combination of understanding, sensibility and knowledge that allows one to see how the parts of a whole relate and come together. These capacities include the ability to plan changes so as to make improvements in whole systems and to design new systems. Systemic competences require as a base the prior acquisition of instrumental and interpersonal competences.

The definitive questionnaires comprised the following 30 competences:

Instrumental competences

- Capacity for analysis and synthesis
- Capacity for organisation and planning
- Basic general knowledge
- Grounding in basic knowledge of the profession
- Oral and written communication in your native language
- Knowledge of a second language
- Elementary computing skills
- Information management skills (ability to retrieve and analyse information from different sources)
- Problem solving
- Decision-making

Interpersonal competences

- Critical and self-critical abilities
- Teamwork
- Interpersonal skills
- Ability to work in an interdisciplinary team
- Ability to communicate with experts in other fields
- Appreciation of diversity and multiculturalism
- Ability to work in an international context
- Ethical commitment

Systemic competences

- Capacity for applying knowledge in practice
- Research skills
- Capacity to learn
- Capacity to adapt to new situations
- Capacity for generating new ideas (creativity)
- Leadership
- Understanding of cultures and customs of other countries
- Ability to work autonomously
- Project design and management
- Initiative and entrepreneurial spirit
- Concern for quality
- Will to succeed