ETH *zürich*

COMPETENCE FRAMEWORK

	SUBJECT-SPECIFIC
	METHOD-SPECIFIC
	SOCIAL
	PERSONAL

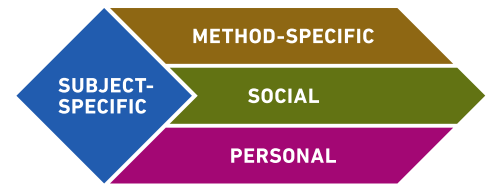## SUBJECT-SPECIFIC COMPETENCIES (to be specified by individual degree programmes)
Knowledge of theories, concepts, and techniques and its application to specific fields

Concepts and Theories	Techniques and Technologies
Ability to understand and apply the basic concepts and definitions that are relevant for a scientific subject or a field	Ability to understand and apply techniques and technologies in use within a specific scientific subject or field

METHOD-SPECIFIC COMPETENCIES
Knowledge and application of methods to make sense of, and operate in, any context

Analytical Competencies	Decision-making	Media and Digital Technologies	Problem-solving	Project Management
Ability to break down processes and systems into parts while understanding their interaction	Ability to define a decision and a set of alternative actions from which to choose	Ability to access, evaluate, and use media and digital technology	Ability to define a problem and find solutions for it	Ability to manage projects and produce results

SOCIAL COMPETENCIES
Competencies applied in the interaction with others

Communication	Cooperation and Teamwork	Customer Orientation	Leadership and Responsibility	Self-presentation and Social Influence	Sensitivity to Diversity	Negotiation
Ability to communicate with others in different contexts and forms	Ability to build relationships with others to pursue common goals and achieve results in a constructive atmosphere	Ability to approach relationships with others and society in terms of what you have to offer rather than what you need or want	Ability to motivate and inspire others and support others' achievements	Ability to present an authentic and professional image of self to others and motivate others to the adoption of a specific behaviour	Ability to recognise differences among people and work with them	Ability to advocate positions with an open mind and try to synthesise ideas from all viewpoints best

PERSONAL COMPETENCIES
Competencies concerning self-management in the context of own work

Adaptability and Flexibility	Creative Thinking	Critical Thinking	Integrity and Work Ethics	Self-awareness and Self-reflection	Self-direction and Self-management
Ability to adjust effectively to a changing environment and deal well with changes	Ability to produce and implement novel and useful ideas	Ability to analyse and evaluate situations and recommend courses of action	Adherence to moral and ethical principles in the conduct of own work and in the relationship with others	Ability to understand own strengths and weaknesses and enhance self-development	Ability to motivate oneself and organise own work in order to achieve results

The ETH Competence Framework is a compilation of competencies that ETH Zurich aims to foster.
The Competence Framework is for guiding and inspiring the personal and professional development of students and the work of teaching staff members at ETH Zurich.

Property of ETH Zurich. Contact person: barbara.lacara@sl.ethz.ch (Rector's Staff)