Module number	Module title
19.2	Project Work

Code	Semester	Number of WSH	Module offered
PJA	Every se-mester	2	Every semester

Module coordinator	Tuition type	Module duration
Prof. Dr. Thomas Falter	Seminar-style tuition	1 Semester

Lecturer	Module language
Team of lecturers	English

Learning outcomes

The qualification goals mentioned below are subdivided into three dimensions. Each dimension corresponds to a target competence level. The following competence levels have been defined:

- Competence level 1 (awareness): cursory awareness of simple structures, only previously learned knowledge is tested

- Competence level 2 (comprehension): basic understanding of multiple structures up to deeper understanding of the relations between structures, learned knowledge is analysed, combined and applied

- Competence level 3 (deep understanding and application): deeper understanding of the relations between structures up to independent transfer and extension of knowledge to new structures, learned knowledge is critically questioned and/or evaluated, interrelations between structures and their consequences are reflected and explained

The competence level of the respective qualification goal is represented by the corresponding number (1, 2 or 3) in the competence descriptions below.

On completing the module the students will have achieved the following learning outcomes on the basis of scientific methods:

Subject skills

The students have, depending on the chosen topic within the project work, detailed specialist knowledge in the respective area (3). They can classify the meaning and characteristics of project work, develop project phases and recognize milestones (2). Students can implement and interpretate (3). They have the competence to solve acceptance problems in the introduction of quality management measures (3).

Method skills

The students master methods of project work and can create a project plan as well as evaluate its results (3).

Social skills

The students have experience with group work in solving individual tasks and are able to present results (3). They are able to provide constructive criticism of results and have discussion skills as well as the ability to work in a team (2).

Personal skills

Students are aware of the consequences of goal-related decisions (3).

Content

Implementation of a practice-oriented organizational project in a team, in which the methods and skills of project management are trained and reflected upon. The project is divided into the following phases:

- Project definition

- Stakeholder analysis

- Project planning

- Project control

- Risk Analysis

- Configuration and Change Management

- Management of Project Communication

- Complexity Management

The described contents are worked out in teams and presented in the course. Immediately after the presentation, the contents are tested on sample projects and any questions that arise are clarified. After four presentations, half of the students apply the contents in a project management simulation while the other half observes. The students then swap roles. After the two simulation rounds, the whole group reflects on what worked well and what should be optimized in the next simulation rounds.

Literature

Required reading

Reading materials are provided in the course

Recommended reading

Additional reading will be recommended in the course

Teaching and learning methods

Project implementation using project management simulation software with references to the necessary project management task

Type of examination/Requirements for the award of credit points	Assignment and presentation

Other information	Max. number of participants: 25
	Registration necessary. Details can be found in moodle.
	Lecture Times: Introduction session and 2 day workshop. Details can be found in Moodle..

ECTS-Credits	Workload
3	75 hours
	Contact/attendance time: 30 h
	Additional work: 45 h