

Type of integrating experience:

Implementation of Occupational Health and Safety

Description of integrating experience:

In this integrating experience, the students are divided into small groups. They conduct a practicum in health measurements at the workplace. The students learn about the environmental and physical measuring procedures. Those external measurements consist of light exposure and noise, gas and dust evaluation at the workplace. To those physical measurements lung physiology, audiometry, blood pressure, physical fitness, and fatigue are added. The physical measurements are done in the campus, environmental measurements in the campus or surrounding areas. Each group has to experience both techniques.

Core /elective or optional

Elective:

Implementation of Occupational Health and Safety (KMK313)

Number of SKS credits allocated	Student's workload in hours	Contact work hours	Self-study work hours
2 SKS	90.67	26.67	64

Learning competences / objectives:

On successful completion of this integrating experience students will be able to:

1. Analyze the risk factors at the workplace
2. Define the specific health problem which can emerge at the workplace
3. Do the physical and environmental measurements at the workplace accurately.
4. Merge multiple strategies for effectively cooperate and communicate with the employees
5. Develop the critical thinking for solving the health environmental problem at the workplace

Assessments used:

Assessment consists of two parts:

1. Grading of the presentation (30%)
2. The students ability to demonstrate the appropriate environmental and physical measuring procedures and to make an appropriate hazard identification based on the health analysis (70%)

Weeks required and place in academic calendar:	Number of weeks	Week number
Campus and Out of Campus 08/2020 - 11/2020	16	01-16