

## ARC641 Occupational Safety and Health Management

Elective Course for Graduate Programs

Credit: 3      ECTS: 7,5



Course Description: This course aims to provide students with a thorough understanding of occupational safety and health management, in line with Sustainable Development Goals 3, 8, and 9. Numerous subjects are covered in the curriculum, including emergency preparedness, ergonomic risks, safety standards, and theories of accident causation. Students will investigate ethical issues in safety practices and examine the professional qualifications of safety experts. The significance of complete safety management within a quality management framework is also emphasized in the course. Students will help to create a safer and healthier work environment by concentrating on these important factors, which will support both personal well-being and long-term economic growth.

Course Outcomes:

- Identify and analyse risk/hazardous conditions that may harm health in occupational environments.
- Understand the potential workplace safety and health hazards and preventive measures through architectural, engineering and administrative controls, and personal protective equipment.
- Identify and demonstrate a working knowledge of occupational health and safety regulations or standards.
- Develop and implement a successful occupational health and safety program, using strategies developed through hazard identification and work hazard analysis.