

Disaster management

OM4 and OH4



Sven Hoffmann



Tom Hofmann

Aim

To provide skills in practical interdisciplinary disaster management. Students will learn and practice controlling and managing mid- to large-scale industrial accidents in collaboration with external partners.

Upon completion, students will be able to:

- Select and properly use the suitable PPE
- Select, mobilize and cooperate with external partners, e.g. fire brigade troops, rescue troops, police, state government
- Evaluate personal contamination and perform decontamination
- Manage contagious lab spills

Contents

- Exposure-specific personal protective equipment (PPE) including ventilation
- Roles, resources and objectives of internal and external partners in managing industrial accidents
- CBR hazards
- Practical staff exercises on managing industrial accidents
- Practical interdisciplinary exercises on responding to industrial accidents
- Contamination and decontamination
- Biohazards and lab spills

Methods

Instructional presentations; PPE exercises; Staff exercises; Plant exercises; Interdisciplinary collaboration; Group discussions

ECTS credits

1 ECTS credits = approx. 30 hrs. of workload

Target audience

- Students in the DAS Work+Health program
- Occupational hygienists, safety engineers, disaster managers
- Occupational physicians, occupational health nurses

Module Managers

- Sven Hoffmann; University of Zurich, Epidemiology, Biostatistics and Prevention Institute
- Tom Hofmann; VBS, Head of QT90, Safety Officer

Administration

Andrea Frederick; andrea.frederick@uzh.ch

Dates and location

23-26 August 2027

Fee

CHF 2'720.–

Registration deadline

TBA