

Disaster Management

OH4 and OM4



Sven Hoffmann



Tom Hofmann

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| Aim | <p>Practical interdisciplinary disaster management. Students will learn and practice controlling and managing mid- to large-scale industrial accidents in collaboration with external partners.</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Personal protective equipment (PPE) including ventilation • Roles, resources and objectives of in- and external partners in managing industrial accidents • ABC 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 exercise, interdisciplinary collaboration, group discussions |
| ECTS credits | 1 ECTS credits = approx. 32 hours of workload including daily practical exam |
| Target audience | <ul style="list-style-type: none"> • Students in the DAS Work+Health program • Occupational hygienists, safety engineers, disaster managers • Occupational physicians, occupational health nurses |
| Module manager | <ul style="list-style-type: none"> • Sven Hoffmann; University of Zurich, Epidemiology, Biostatistics and Prevention Institute • Tom Hofmann, ZHAW, Life Sciences und Facility Management |
| Administration | Andrea Frederick; andrea.frederick@uzh.ch |
| Dates and location | 16–19 June 2025, Roche Basel |
| Fee | CHF 2 720.– |
| Registration deadline | 25 March 2025 |