

Disaster Management

OM4 and OH4

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Sven Hoffmann

Tom Hofmann

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	<p>Instructional presentations; PPE exercises, staff exercises; plant exercise, interdisciplinary collaboration, group discussions</p>
ECTS credits	<p>1 ECTS credits = approx. 38 hours of workload including daily practical exam</p>
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	<p>Monika Rettke; monika.rettke@uzh.ch</p>
Dates and location	<p>7–10 June 2021, location to be specified</p>
Fee	<p>CHF 2 720.–</p>
Registration deadline	<p>19 April 2021</p>