

# Disaster Management

## OM4 and OH4



Sven Hoffmann



Tom Hofmann

32

<b>Aim</b>	<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"> <li>• Select and properly use the suitable PPE</li> <li>• Select, mobilize and cooperate with external partners, e.g. fire brigade troops, rescue troops, police, state government</li> <li>• Evaluate personal contamination and perform decontamination</li> <li>• Manage contagious lab spills</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) including ventilation</li> <li>• Roles, resources and objectives of in- and external partners in managing industrial accidents</li> <li>• ABC hazards</li> <li>• Practical staff exercises on managing industrial accidents</li> <li>• Practical interdisciplinary exercises on responding to industrial accidents</li> <li>• Contamination and decontamination</li> <li>• Biohazards and lab spills</li> </ul>
<b>Methods</b>	Instructional presentations; PPE exercises, staff exercises; plant exercise, interdisciplinary collaboration, group discussions
<b>ECTS credits</b>	1 ECTS credits = approx. 32 hours of workload including daily practical exam
<b>Target audience</b>	<ul style="list-style-type: none"> <li>• Students in the DAS Work+Health program</li> <li>• Occupational hygienists, safety engineers, disaster managers</li> <li>• Occupational physicians, occupational health nurses</li> </ul>
<b>Module manager</b>	<ul style="list-style-type: none"> <li>• Sven Hoffmann; University of Zurich, Epidemiology, Biostatistics and Prevention Institute</li> <li>• Tom Hofmann, ZHAW, Life Sciences und Facility Management</li> </ul>
<b>Administration</b>	Andrea Frederick; andrea.frederick@uzh.ch
<b>Dates and location</b>	11–14 August 2025, Roche Basel
<b>Fee</b>	CHF 2 720.–
<b>Registration deadline</b>	2 May 2025