

# Exposure assessment and hazard recognition

## OH2



Nancy Hopf



David Vernez

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<b>Aim</b>	<p>You will learn how to anticipate, recognize, evaluate, and control hazards and exposures at work that may affect workers health.</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Identify exposure hazards</li> <li>• Evaluate the work environment based on identified exposures</li> <li>• Develop appropriate sampling strategies</li> <li>• Analyze and interpret measurement results</li> <li>• Critically discuss results and draw conclusions</li> <li>• Write occupational hygiene report</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Fundamentals of occupational hygiene and occupational hazards</li> <li>• Inhalation exposures such as gas, vapors, particles (chemical and biological)</li> <li>• Skin exposures (chemical)</li> <li>• Exposures to physical agents (noise, vibration, light, thermal stress, radiation, atmospheric pressure)</li> <li>• Development of workplace measurement strategies and sampling</li> </ul>
<b>Methods</b>	Lectures; Group work; Case studies; Site visits
<b>ECTS credits</b>	3 ECTS credits = approx. 90 hours of workload including 80 hours of on-campus lectures and 10 hours of pre-assignment and exam
<b>Target audience</b>	<ul style="list-style-type: none"> <li>• Students in the DAS Work+Health program</li> <li>• Occupational hygienists</li> <li>• Current work and health specialists</li> </ul>
<b>Module manager</b>	<ul style="list-style-type: none"> <li>• Nancy Hopf; University of Lausanne, Unisanté Département Santé au Travail et Environnement</li> <li>• Prof. Dr. David Vernez; University of Lausanne, Unisanté Département Santé au Travail et Environnement</li> </ul>
<b>Administration</b>	Monica Egger; monica-maria.egger@unisante.ch
<b>Dates and location</b>	11–15 November and 25–29 November 2024 in Lausanne
<b>Fee</b>	CHF 6 800.–
<b>Registration deadline</b>	10 October 2024