

Control of the occupational environment

OH3



Guillaume Suarez

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Aim	<p>The focus is on airborne contaminants. Students will acquire a sound understanding and practical skills in the relevant technical and organizational measures.</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> • Evaluate and manage ventilation • Manage airborne contaminants in various situations to reduce risk • Evaluate and manage ventilation and containment • Evaluate substitution as an option in exposure management
Contents	<ul style="list-style-type: none"> • Approach to controlling exposure and selection of control strategies • Substitution • Technical strategy with principles of ventilation and containment • Ultra cleanliness concept and technology • Practical exercises with tracer gas and flow rate measurements • Organization: overview of the strategy and impact
Methods	Lectures; Lab work; Group work
ECTS credits	2 ECTS credits = approx. 60 hours of workload including 32 hours of on-campus lectures and 28 hours of pre-assignment and exam
Target audience	<ul style="list-style-type: none"> • Students in the DAS Work+Health program • Occupational hygienists • Work and health specialists with a background in natural sciences
Module manager	Dr Guillaume Suarez; University of Lausanne, Unisanté Département Santé au Travail et Environnement
Administration	Andrea Frederick; andrea.frederick@uzh.ch
Dates and location	08–11 May 2023 in Lausanne
Fee	CHF 2 720.–
Registration deadline	04 April 2023