Control of the occupational environment
OH3

Aim	The focus is on airborne contaminants. Students will acquire a sound understanding and practical skills in the relevant technical and organizational measures. Upon completion of the course, students will be able to: • 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	• 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	• Students in the DAS Work+Health program • Occupational hygienists • Work and health specialists with a background in natural sciences
Module manager	Guillaume Suarez; University of Lausanne, Unisanté Département Santé au Travail et Environnement
Administration	Monica Eggler; monica-maria.eggler@unisante.ch
Dates and location	24–27 March 2025 in Lausanne
Fee	CHF 2720.–
Registration deadline	24 February 2025