



Health, Safety and Environment Summer School 2025

21/07/2025 – 25/07/2025

Department of Geology, Faculty of Science, Palacký University Olomouc

Day 1 – Introduction to HSE

- 09:00 – 09:45 — Introduction to HSE and its Importance in Engineering
- 09:45 – 10:30 — Types of Hazards and Risk Assessment
- 10:30 – 11:00 — Coffee break
- 11:00 – 12:00 — Safety Signs, PPE, and Emergency Procedures
- 12:00 – 13:00 — Lunch break
- 13:00–14:00 — Equipment Safety and Handling

Day 2 – Occupational Safety and Environmental Awareness

- 09:00 – 09:45 — Workplace Safety and Accident Prevention
- 09:45 – 10:30 — Fire Safety, Evacuation Plans
- 10:30 – 11:00 — Coffee break
- 11:00 – 12:00 — Environmental Pollution and Control
- 12:00 – 13:00 — Lunch break
- 13:00 – 13:45 — Waste Management in Engineering
- 13:45 – 14:30 — Environmental Regulations and Sustainability
- 17:00 – 20:00 — Barbecue in Olomouc Botanical Garden/Rosarium

Day 3 – HSE in Laboratory

- 09:00 – 09:45 — Introduction to HSE in Lab Settings
- 09:45 – 10:30 — General Laboratory Safety
- 10:30 – 11:00 — Coffee break

- 11:00 – 12:00 — Chemical Safety and Handling Procedures
 - 12:00 – 13:00 — Lunch break
 - 13:00 – 13:45 — Risk Assessment and Mitigation in the Laboratory
 - 13:45 – 14:30 — Equipment and Facility Safety
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Day 4 – Field trip

- 09:00–16:00 — HSE Field Trip
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Day 5 – HSE Systems and Emergency Response

- 09:00 – 09:45 — HSE Management Systems (e.g. ISO 45001)
- 09:45 – 10:30 — Incident Reporting and Roles in HSE
- 10:30 – 11:00 — Coffee break
- 11:00 – 12:00 — Emergency Preparedness and First Aid
- 12:00 – 13:00 — Lunch break
- 13:00 – 14:00 — Discussion, Feedback and Certificate Distribution

Registration fee in the amount of 7 500 CZK incl. 21 % VAT is to be paid in cash the 1st day of the summer school. The fee includes summer school materials, coffee breaks, barbecue, HSE field trip and attendance certificate.

Accommodation has been pre-booked in a university dormitory within the Envelopa Campus next to the main faculty building for 20/07/2025 – 25/07/2025. It is to be paid by the participant (520 CZK incl. city tax/person/night).

In order to register for the summer school, please **send an email to Mrs Marie Raková, marie.rakova@upol.cz, by 16/06/2025** at the latest with following information:

Given name, family name

Email address

Sending department, field of study

Dietary restrictions

Please attach your scanned passport to the registration email.