



NANOSAFETY, 5 ECTS CREDITS

LUND UNIVERSITY COMMISSIONED EDUCATION
SCHOOL OF WORK ENVIRONMENT AND LEADERSHIP, LTH

This course is given for postgraduate students (PhD students) at Lund University, but is also offered for external participants as commissioned education.

AIM

The aim of the course is to mediate knowledge of safe manufacturing and handling of engineered nanoparticles and of nanomaterials i.e. materials containing nanoparticles, in the perspective of human health and of environment. Aspects such as safety important particle characteristics, exposure- and emission assessment, nano toxicology, precautionary principle, safe-by-design, human-technology interaction, risk assessment, risk management, risk communication, life cycle analysis, legislation, and ethical aspects will be covered.

WHO SHOULD ATTEND?

To promote network building and enable knowledge exchange, the course is open for both PhD students and representatives from industrial and governmental sectors.

CONTENT

Particle properties (size, shape, aspect-ratio, solubility, chemical composition), lung deposition and clearance, emissions, exposure, toxicity, risk management, human-technology interaction, biomarkers, engineering controls and personal protection, risk- and safety communication, food chain transport, life cycle analyses, ethical aspects, and legislation.

LECTURES

Associate senior lecturer Christina Isaxon, course coordinator, at Aerosol Technology, Design Sciences, LTH

Schedule with all lectures TBA

APPLY HERE: dinkurs.se/nanosafety

Admission requirements

No formal requirements for representatives from industry and legislation.

Course dates and location

The course is given during two weeks, on April and June, 2021 (exact dates TBA).

Number of participants

Maximum 10 external participants

Course fee

SEK 21.000 excluding VAT.

Contact

For course content please contact:
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Other questions:

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CENTER FOR NANOSCIENCE



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COMMISSIONED EDUCATION

Lund University, department of commissioned education (LUCE) makes the resources of one of the top 100 ranked universities in the world available to companies, organizations and authorities aiming to develop their business and staff.

Lund University Commissioned Education provides commissioned courses and programs tailored to customer needs and conducted by lecturers and researchers from Lund University- a guarantee for broad and profound scientific content and modern pedagogics.