

CHEM-L1000
Toolkit for Doctoral Studies (5 cr)

Markus Linder

Toolkit for Doctoral Studies

- Level of the course: Course intended for CHEM PhD students in their first year.
- 5 credits
- Teacher in charge: Prof. Markus Linder
- Teaching Period: Autumn - Spring
- Lectures 12 x 2 hour lectures (24 hours)
- Individual work 20 hours – web part of ethics
- Seminars (2x8 hours) 16 hours
- Small group work 63 h (42 h part 2, 20 h part 3)

Lectures

Will be fully on-line

- Introduction, The Doctoral Programme Committee, Practical things (Sirje Liukko, Markus Linder)
- How to write a paper (Mark Huges)
- Presentation skills (Christa Uusi-Rauva)
- Aims of a PhD (Markus Linder)
- Postdoc career. Post-doc pool, (Mikko-Olavi Seppälä); Aalto (Virve Karttunen, Aalto)
- IPR and patenting (Janne Raula)
- Open access publishing and ACRIS (Maria Söderholm), Open data and research data storage (Philip Anish)
- Ethics in research (Henriikka Mustajoki)
- Responsible research and Aalto Code of Conduct, feedback (Markus Linder)

Presentation skills:

Teacher: Christa Uusi-Rauva

christa.uusi-rauva@aalto.fi

Present your research plan

Mini- symposium

Ethics in research

-responsible conduct

WEB PART! Do not miss this! (you will fail the course!)

Teacher: Henriikka Mustajoki

Do not take the ethics web course during autumn.

Schedule

LECTURES IN OODI,

Lecture links in MyCourses

Slides in MyCourses

Group work in December **check Oodi**



Aalto University
School of Chemical
Technology

Organization of Doctoral studies at CHEM

Markus Linder

Head of the doctoral programme

Doctoral Programme Committee

Tohtorinkoulutusneuvosto (TKN)

- Members:
 - Markus Linder (chair)
 - Mauri Kostianen (vice chair)
 - Mark Hughes
 - Lasse Murtomäki
 - Marjatta Louhi-Kultanen
 - Riikka Puurunen
 - Jan Deska
 - Sirje Liukko (planning, secretary)
 - Deepika Dahiya (student member), Syed Farhan Ali (vice student member)
 - Sannamari Hörkkö, (planning)

Extended-meeting student representatives (student contacts):

- Bio2: Marianna Granatier and Antti Topias Kilpinen
- CMAT: Rasmus Kronberg and Kuldeep Kuldeep
- CMET: Roshi Dahal and Huggins Mkurazhizha

Fields of research at CHEM

-determined by supervising professor

- Chemistry
- Biotechnology
- Chemical Technology
- Bioproduct Technology
- Processing of Materials
- Materials Science
- (+ some special programmes)

Organization of Doctoral studies at Aalto

- Each school has its own doctoral program and committee
- Doctoral programs at the University meet in a steering group. All doctoral committee chairs meet 3-4 times / term to discuss common guidelines and activities – DEWG.
- Details of practice not necessarily the same between schools
- Student representative from Aallon Huiput in DEWG

The Advisory Group

- You, Supervisor, Advisor, TKN-representative, 1-2 external members
- Meet once per year
 - 1 planning
 - 2 mid term progress
 - 3 how to finalize
 - 4 support for finalization
 - 5-> revision of plans for finalization
- First contact for feedback, general questions, solving problems.
- Primary mission is to serve the student