

Faculty common course 2021

English course title: Research Introduction for New PhD students

Swedish course title: Research Introduction for New PhD students

Extent (credits): 3hp

Language of instruction: Engelska

Recommended prerequisites: -

Learning outcomes of the course:

Specify which learning outcomes of the doctoral degree that are address/covered (see appendix 1 of the call or the template of ISP). Describe how: The course will give new PhD students an introduction to PhD studies, our local research environments, information about administrative support and requirements, introduction to teaching, formulating goals and many other interesting topics.

Course contents:

Critical thinking and presentation technique (Svante Axelsson)

How to formulate goals (Jöns Hilborn)

Wikipedia as a tool for science outreach I (Olle Terenius)

Science vs Pseudoscience (Stephan Pomp)

Ethics (Iordanis Kavathatzopoulos)

Praktisk pedagogik (Jannika Andersson Chronholm)

Rights and Obligations (Frauke Augstein)

Library Services/Finding Scientific Literature (Lena Pavesson)

Mathematics, IT (Stephan Wagner, Pierre Flener)

IP and Innovation (Per Kjellin, Nhils Forslund, Pontus Skråmstadius)

Earth Sciences (Olafur Gudmundsson)

What and who is SciLifeLab? (Alice Sollazzo)

Life as a researcher (Helena Danielson)

Cemus Research Forum (CEFO) (Helena Fornstedt)

Physics (Jan-Erik Rubensson)

Science popularization possibilities (Maja Garde Lindholm)

Wikipedia as a tool for science outreach II (Olle Terenius)

Structure of PhD studies (Jörgen Olsson)

Engineering sciences (Jörgen Olsson)

Chemistry (Henrik Ottosson)

Scientific Best Practice, The art and importance of writing the logbook (Marco Ceconello)

Employment conditions (Lina Rosén, Martina Hasselgren)

Presentations (Erki Metsanurk/Mattias Klintenberg)

Instruction (course structure): Föreläsningar, diskussioner, övningar

Assessment (form of examination): 80% närvaro, presentation

Course examiner (name, e-mail): Mattias Klintenberg, mattias@physics.uu.se

Department with main responsibility: IFA

Contact person/s (course responsible teacher) (name, e-mail): Mattias Klintonberg,
mattias@physics.uu.se

Course dates/period: Mars och oktober 2021

Maximum number of participants: 120

Submit the application for admission to: mattias@physics.uu.se

Submit the application not later than: -