

UNIVERSITY OF OSLO

Master seminar in mathematical subjects

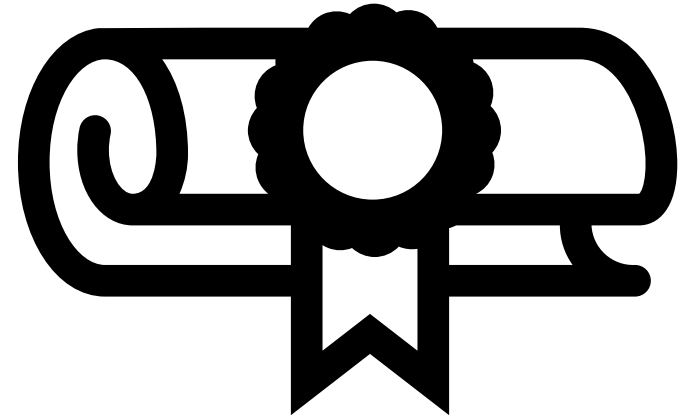
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PhD in algebraic geometry
Library of Medicine and Science

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Writing a thesis in mathematics

- Find a topic / problem
- Search for and select appropriate literature
- Present a topic with known results
- Present new results
- Do and present simulations and experiments
- Scientific methods
- Scientific language
- Thesis
- Oral presentation



Practical information

- Thursday January 13 at 09:15-12:00
- Friday January 14 at 09:15-12:00

Outcome

- After completing the course you should:
 - be able to find, read, evaluate and use scientific literature
 - know principles and tools of scientific communication; written, verbally and visually
 - know the practice of handling and presenting data

<https://www.mn.uio.no/math/studier/aktuelt/arrangementer/2021/writingcourse-mi.html>

Programme January 13 2022

09:15-10:00	Getting a master's degree in mathematics Scientificness in mathematical subjects	Lars Henry Berge Olsen Karoline Moe	What I would have done differently in my master's thesis Searching, source criticism, reading, ethics, cheating, citations and plagiarism
10:15-11:00	Writing in mathematics	Karoline Moe	Structure of the thesis, mathematical subtleties and useful writing tips
11:15-12:00	LaTeX for large documents BibLaTeX	Karoline Moe	How to organize the writing

Programme January 14 2022

09:15-10:00	Data management	Live Kvale and Lucy Karpen	File sense, meta data, data management plan and much more
10:15-11:00	Basic design principles Beamer	Karoline Moe	Applications of design principles to master's thesis, illustrations, figures and tables Beamer
11:15-12:00	Oral presentation Part of the research world	Karoline Moe	Presentation technique, talks, blackboard and slide shows What happens when you are done?

Zoom rules

- It's nice to see you!
 - It's nice to hear you!
 - We're in this together!
 - Let me know if tech fails...
 - Raise hand to ask questions
 - Ask and comment in chat
 - No recording
- A variation:
 - Slides
 - Demonstrations
 - Plenary discussions
 - Q&A
 - Chat
 - Videos
 - Student activity
 - Breaks



Who am I?

Who are you?
(Menti – 4 questions)



