

ATM345 Seminar in Atmospheric Sciences (2020-2023)

HUOM! OPINTOJAKSOJEN TIETOJEN TÄYTTÄMISTÄ KOORDINOIVAT KOULUTUSSUUNNITTELIJAT HANNA-MARI PEURALA JA TIINA HASARI

- 1. Course title
- 2. Course code
- 3. Course status: compulsory
- 4. Course level (first-, second-, third-cycle/EQF levels 6, 7 and 8)
- 5. Recommended time/stage of studies for completion
- 6. Term/teaching period when the course will be offered
- 7. Scope of the course in credits
- 8. Teacher coordinating the course
- 9. Course learning outcomes
- 10. Course completion methods
- 11. Prerequisites
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- 13. Course content
- 14. Recommended and required literature
- 15. Activities and teaching methods in support of learning
- 16. Assessment practices and criteria, grading scale
- 17. Teaching language

1. Course title

Seminar in Atmospheric Sciences
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2. Course code

ATM345

Aikaisemmat leikkaavat opintojaksot 53192 Opiskelijasemiaari, 3 op

3. Course status: compulsory

-Which degree programme is responsible for the course?
Master's Programme in Atmospheric Sciences

-Which module does the course belong to?
ATM300 Advanced Studies in Atmospheric Sciences (compulsory for all study tracks)

-Is the course available to students from other degree programmes?
Yes

4. Course level (first-, second-, third-cycle/EQF levels 6, 7 and 8)

Master's level, degree programmes in medicine, dentistry and veterinary medicine = secondcycle degree/EQF level 7

-Does the course belong to basic, intermediate or advanced studies (cf. Government Decree on University Degrees)?
Advanced studies

5. Recommended time/stage of studies for completion

Participating in seminar sessions is recommended to be started during the first year of Master's studies, but latest in the very beginning of the second year. Own presentations should be given towards the end of the Master's studies.

6. Term/teaching period when the course will be offered

The seminar series will be running each year through periods I-IV once a week.

7. Scope of the course in credits

5 cr

8. Teacher coordinating the course

Pauli Paasonen, Hanna Vehkamäki ja Annalea Lohila

9. Course learning outcomes

- The student has a view on the multidisciplinary research made in Master's and Doctoral programme in atmospheric sciences (ATM-MP and ATM-DP). The student recognizes the possible tangible research areas of other peer students.
- The student improves their capability of giving a presentation and discussing on the topic, and learns how to alter the presentation for different audiences.
- The student learns how to comment on a presentation.
- The student finds ways to overcome problems in project (thesis) work with structured peer support discussion

10. Course completion methods

Participating in 20 seminar sessions (including feedback for the presenters), giving two seminar presentations, commenting two times the slides of other presenters and participating in five thesis clinic sessions (90 minutes each)."

- 2 presentations (both 15 min + 5 min discussion), e.g. one on "general" topic and one related to Master's Thesis. Both presentation should be understandable to the whole multidisciplinary audience of the seminar series.
- Commenting in advance the slides of people presenting on the same day as you
- Participating in min. 20 participations (Note: this means being present almost every week during the academic year. Note II: you can extend the participations to more than one academic year) and giving feedback to the other presenters in each seminar session
- Participating in five Pro Gradu -clinic sessions (peer support meetings, 90 min each).

11. Prerequisites

- Bachelor's degree

12. Recommended optional studies

- No recommendations

13. Course content

Course consists of seminar presentations of Master's and Ph.D. students on their thesis or other scientific topics.

14. Recommended and required literature

- None

15. Activities and teaching methods in support of learning

- Preparing presentations, giving feedback for slides and presentations
- Participating in peer support group for thesis work

16. Assessment practices and criteria, grading scale

- Grading scale: passed, not passed.

17. Teaching language

English