

ATM377 Introduction to Earth System Modelling

- 1. Course title
 - 2. Course code
 - 3. Course status: compulsory or optional
 - 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
 - 12. Recommended optional studies
 - 13. Course content
 - 14. Recommended and required literature
 - 15. Activities and teaching methods in support of learning
 - 16. Assessment practices and criteria, grading scale

1. Course title

2. Course code

ATM377

3. Course status: compulsory or optional

optional

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

5. Recommended time/stage of studies for completion

-The recommended time for completion may be, e.g., after certain relevant courses have been completed.

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

-The course may be offered in the autumn or spring term or both.
-If the course is not offered every year, this must be indicated here.
-Specification of the teaching period when the course will be offered

7. Scope of the course in credits

8. Teacher coordinating the course

9. Course learning outcomes

-Description of the learning outcomes provided to students by the course
- See the competence map (<https://flamma.helsinki.fi/content/res/pri/HY350274>).

10. Course completion methods

- Will the course be offered in the form of contact teaching, or can it be taken as a distance learning course?
- Description of attendance requirements (e.g., X% attendance during the entire course or during parts of it)
- Methods of completion

11. Prerequisites

- Description of the courses or modules that must be completed before taking this course or what other prior learning is required

12. Recommended optional studies

- What other courses are recommended to be taken in addition to this course?
- Which other courses support the further development of the competence provided by this course?

13. Course content

- Description of the course content

14. Recommended and required literature

- What kind of literature and other materials are read during the course (reading list)?
- Which works are set reading and which are recommended as supplementary reading?

15. Activities and teaching methods in support of learning

- See the competence map (<https://flamma.helsinki.fi/content/res/pri/HY350274>).
- Student activities
- Description of how the teacher's activities are documented

16. Assessment practices and criteria, grading scale

- See the competence map (<https://flamma.helsinki.fi/content/res/pri/HY350274>).
- The assessment practices used are directly linked to the learning outcomes and teaching methods of the course.