

ATM373 Leadership for Sustainable Change

- 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

-Code in Oodi/OTM (upcoming academic administration information system) and other systems

ATM373

3. Course status: compulsory or optional

-Which degree programme is responsible for the course?

Masters Programme in Atmospheric Sciences

-Which module does the course belong to?

ATM391 Climate University

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

Yes

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

-Bachelor's level = first-cycle degree/EQF level 6

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

-Doctoral level = third-cycle (doctoral) degree/EQF level 8

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

This is a Master's level course.

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

5 ECTS

8. Teacher coordinating the course

Laura Riuttanen

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>).

During the course you will learn:

- what are the great challenges of sustainability and how are they related;
- how to lead change in complex systems, such as utilising the circular economy;
- what skills, knowledge and attitudes does a professional change-maker need;
- how to make and collaborate on a concrete sustainability project plan.

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?

Online course

- Description of attendance requirements (e.g., X% attendance during the entire course or during parts of it)
- Methods of completion

Online learning material, assignments and a group project.

11. Prerequisites

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

No prerequisites are required, but it is recommended to study the basics of climate change or basics of sustainability before the course, for example courses ATM302 Climate.now and/or ATM378 Sustainable.now.

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?

The other module ATM391 Climate University courses:

ATM302 Climate.now

ATM378 Sustainable.now

ATM379 SystemChange.now

ATM380 Solutions.now

MAAT-051 Circular.now

ATM308 Statistical tools for climate and atmospheric science

13. Course content

-Description of the course content

The course material consists of three chapters:

1. Challenges of sustainability
2. Leading societal transition
3. Becoming a sustainability leader

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?

The course learning material can be found at www.leadforsust.fi

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

Studying the online learning material, online quizzes, online assignments and an online group project.

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.

Grading 1-5