

Final Report – KJM5700 – H2021

Course Leader: Armin Wisthaler

Lecturers: Knut Breivik, Felix Piel, Rolf D. Vogt, Armin Wisthaler

CHANGES

Rolf D. Vogt reduced his lecturing to 3 x 2 hours and thus had to present his topics (water, soil) in a more compressed form.

TEACHING EVALUATION

The students were asked to give a written anonymous course feedback on Canvas. Only four students provided feedback (attached to this report).

SUMMARY MEETING

The feedback provided by the students was shared with all lecturers, who were invited to consider the suggestions made by the students in their future lectures.

EXAMINATION RESULTS

20 students registered for the oral exams held on December 6-8, 2021. The results of the exams are listed below. The performance deteriorated compared to previous years.

A	B	C	D	E	not present
0	3	4	4	0	9

PLANS for the FUTURE

It is currently uncertain if/when a new Professor of Environmental Chemistry will be appointed and be able to contribute to the course. Plans for the future will be made once more information on the succession of Prof. Vogt is available.

OTHER COMMENTS

None.

Anonymous Feedback Survey

What did you like about the course?

I liked that the course gave a well rounded introduction to environmental chemistry as a subject area. I was nice to have different lecturers that were experts in their respective field and also learn a bit about their research.

The videos and animations used in the course were informative and useful.

There were several topics I found very interesting such as atmosphere and soil chemistry

I thought the lectures were really good! Everything was clearly explained. I especially liked the questions at the end of the atmospheric and aerosols lectures. These questions helped to give an idea of what to expect for the exam. I also do like that everything we need to know is discussed in the lectures, especially since the book chapters sometimes discuss different topics as well.

What did you not like about the course? What could be improved?

I thought it was peculiar that the course was purely lectures and an oral exam. I found it hard to really learn the content when there were no assignments, quizzes or anything to make us use the what we have learned. This also puts a lot of pressure on the final oral exam as it is difficult to know how well you actually know the material and the exam counts for 100 %. I think it would have been beneficial for the students learning to have small assignments or somethings else throughout the semester to make us think about the material more before the final exam.

colloquium assignments or colloquium sets are something I think more people would have needed

Especially for the first three lectures (regarding water and soil), it is not entirely clear what to expect for the exam, since these lectures contained a lot of formula's. More explanation about what to expect, such as the questions for the atmospheric and aerosol parts or just a simple explanation like "you should be able to derive this", would be nice.

Moreover, a few lectures were too long, which lead to not all contents being discussed. So, maybe that could be improved as well.