

Final Report – KJM5700/9700 – H2024

Course Leader: Armin Wisthaler

Lecturers: Knut Breivik, Nikita Sobolev, Armin Wisthaler, Wojciech K. Wojnowski

DESCRIPTION

Frontal lectures on different environmental chemistry topics were given by four lecturers in the following sequence: Armin Wisthaler (atmospheric chemistry), Nikita Sobolev (soil chemistry), Wojciech K. Wojnowski (water chemistry), and Knut Breivik (persistent organic pollutants – POPs). The lecture slides were made available on Canvas. The recorded lectures were made available as podcasts on the course webpage. Only 5-6 students typically attended the lectures in the auditorium; the rest only followed the podcasts.

CHANGES

No lectures on aerosol chemistry were given, because Felix M. Piel was no longer available as a lecturer. Soil chemistry was taught in more detail, because Nikita Sobolev was available as a new lecturer.

TEACHING EVALUATION

The students were asked to give a written anonymous course feedback on Canvas. Four students (S1-S4) 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 November 12, 13, 14, 28, and 29. The results of the exams are listed below.

KJM5700:

A	B	C	D	E	F	no show
2	5	3	3	2	0	4

KJM9700:

passed	failed	no show
0	0	1

PLANS for the FUTURE

No changes are planned.

OTHER COMMENTS

None.

Anonymous Feedback Survey

What did you like about the course?

S1: I like the different subjects and that it focuses on the chemical part of environmental issues. It is a lot easier to understand when the chemistry behind it is explained. I also think the lecturers have been fantastic in explaining. The slides have been a good starting point, and I like the questions parts. Canvas have also been very "clean".

S2: Nicely divided into themes and easy to follow the curriculum. Good ppts.

S3: That the lectures were recorded :)

S4: I really liked that we had questions for most of the weeks, and that we went through them on the start of the next lecture. I also liked the lectures, and the lecturers were very good.

What did you not like about the course?

S1: It is a lot to memorise, however I think the lecturers have made it very clear what you have to know, and what is not as important.

S2: Nothing special

S3: Nothing

S4: --

How could the course be improved?

S1: Could benefit from having an option to hand in answers to questions to get feedback. But going through it in the beginning of lectures, also works fine.

S2: The sound on the recordings was a little hard to hear when the lecturers move away from the computer. A small microphone connected to you would be better. The sound from all videos in the presentations/lectures had an echo so it was not possible to hear what was said and only Wisthaler posted the videos separately. Would be nice to see all videos individually.

S3: Maybe have some voluntary quizzes on canvas so the students can test their knowledge in each topic easily and get some feedback?

S4: I think it would be great to have questions for every week, and maybe publish all the questions in the same module, so they are easy to find.