Applied Algebraic Topology: Admin

Prof. Dr. C. Löh/M. Uschold October 2022

Homepage. Information and news concerning the lectures, exercise classes, office hours, literature, as well as the exercise sheets can be found on the course homepage and in GRIPS:

https://loeh.app.ur.de/teaching/aat_ws2223

https://elearning.uni-regensburg.de

Lectures. The lectures are on Tuesdays (8:30–10:00; M104) and on Fridays (8:30–10:00; M104).

Basic lecture notes will be provided, containing an overview of the most important topics of the course. These lecture notes can be found on the course homepage and will be updated after each lecture. Please note that these lectures notes are not meant to replace attending the lectures or the exercise classes!

According to current plans (13.10.2022): This course will be taught on campus in person. On request, this could be turned into a hybrid format (with live zoom streaming). Please note that there will be no recordings of the lectures. The lectures are a precious opportunity for live interaction and I want to keep the atmosphere as casual and unintimidating as possible. For asynchronous self-study, lecture notes will be made available. Please send an email to Clara Löh in case there is a need for the hybrid option!

Exercises. Homework problems will be posted on Fridays (before 8:30) on the course homepage; submission is due one week later (before 8:30, via GRIPS).

Each exercise sheet contains regular exercises (12 credits in total) and more challenging bonus problems (3 credits each).

It is recommended to solve the exercises in small groups; however, solutions need to be written up individually (otherwise, no credits will be awarded). Solutions can be submitted alone or in teams of at most two participants; all participants must be able to present *all* solutions of their team.

The first exercise sheet will appear on Friday, October 21. The exercise classes start in the *second* week.

In addition, the exercise sheets will contain simple problems that will be solved and discussed during the exercise classes. These problems should ideally be easy enough to be solved within a few minutes. Solutions are not to be submitted and will not be graded.

Registration for the exercise classes. Please register for the exercise classes via GRIPS:

https://elearning.uni-regensburg.de

Please register before Wednesday, October 19, 2022, 10:00.

Credits/Exam. This course can be used as specified in the commented list of courses and in the module catalogue.

- *Studienleistung*: Successful participation in the exercise classes: 50% of the credits (of the regular exercises), presentation of solutions in class (twice).
- *Prüfungsleistung*: Oral exam (25 minutes), by individual appointment at the end of the lecture period/during the break.

You will have to register in FlexNow for the Studienleistung and the Prüfungsleistung (if applicable). Registration will open at the end of the lecture period.

Further information on formalities can be found at:

https://www.uni-regensburg.de/mathematik/fakultaet/studium/studierende/index.html

Contact.

- If you have questions regarding the organisation of the exercise classes or the exercises, please contact Matthias Uschold:

  matthias.uschold@ur.de

- If you have mathematical questions regarding the lectures, please contact Matthias Uschold or Clara Löh.
- If you have questions concerning your curriculum or the examination regulations, please contact the student counselling offices or the exam office:

http://www.uni-regensburg.de/mathematik/fakultaet/studium/ansprechpersonen/index.html

- In many cases, also the Fachschaft can help:

https://www-app.uni-regensburg.de/Studentisches/FS_MathePhysik/cmsms/

- Official information of the administration related to the COVID-19 pandemic can be found at:

  https://go.ur.de/corona