

# Algebraic Topology I

## Winter term 2015/16 – Organisation

Prof. Dr. C. Löh

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*Homepage.* You will find news and updates on the lectures, exercise classes, office hours, literature, and the exercise sheets on the course homepage and in GRIPS:

[http://www.mathematik.uni-regensburg.de/loeh/teaching/topologie1\\_ws1516](http://www.mathematik.uni-regensburg.de/loeh/teaching/topologie1_ws1516)

<https://elearning.uni-regensburg.de>

*Lectures.* The lectures take place on Tuesdays and Fridays, 10:15–12:00, in M 104.

The lectures will be held in English. There will be summarising lecture notes (in German) that also contain an English  $\leftrightarrow$  German dictionary of topological terms. These notes will be updated after every lecture. Please note that these notes are only a summary and therefore cannot replace active participation in the lectures or the exercise classes!

*Exercises.* New exercises will be posted online every Friday (10:00). Solutions to the exercises have to be handed in on the following Friday before 10:00 (in mailbox number 30).

Every exercise sheet consists of four regular exercises (4 credits per exercise) and usually one more challenging bonus exercise (4 extra credits).

Working on the exercises in small groups is strongly encouraged; however, the submitted solutions have to be written up and formulated individually. You are allowed to (but do not have to) submit solutions in teams of up to two people; in this case, both authors have to be prepared to present *all* of their submitted solutions at the blackboard.

The first exercise class will be in the first week of the teaching period, dealing with the exercise sheet number  $-1$  on point-set topology.

*Registration for the exercise classes.* There will be one exercise class, on Wednesdays, 16:00–18:00 (M 102), taught by Dmitri Pavlov and Gerrit Herrmann. Please register in GRIPS as soon as possible if you have not done so already:

<https://elearning.uni-regensburg.de>

If you do not have a university account yet or if you have other questions regarding the exercise classes, please refer to Dmitri Pavlov ([dmitri.pavlov@mathematik.uni-r.de](mailto:dmitri.pavlov@mathematik.uni-r.de)).

*ECTS.*

- *Bachelor/Master Mathematics:* This course can be used in the modules BV, MGAGeo, MV, as well as in the Wahlbereich (with grade or without grade, 9 ECTS). The 9 ECTS will be awarded after passing the final oral exam (25 minutes, after the lecture period). Sufficient for admission to the oral exam is successful participation in the exercise classes (at least 50% of the credits, presentation of a solution in class, active participation).

- In *nichtmodularisierten* Studiengängen: Voraussetzung für einen unbenoteten Leistungsnachweis ist die erfolgreiche Teilnahme an den Übungen (regelmäßige und aktive Teilnahme an den Übungen, mindestens 50% der (in den regulären Aufgaben) möglichen Punkte, mindestens einmal zufriedenstellend vorrechnen).

Depending on your degree programme you will have to register in FlexNow for the exam. We will provide FlexNow entries in due time. Please also take care of (implicit) deadlines specified in the examination regulations applicable to you.

Important information in case of illness:

<http://www.mathematik.uni-regensburg.de/studium/krank.html>

*Contact.*

- In case of questions concerning the organisation of the exercise classes, please contact Dmitri Pavlov ([dmitri.pavlov@mathematik.uni-r.de](mailto:dmitri.pavlov@mathematik.uni-r.de)).
- In case of questions concerning the exercises, please contact Dmitri Pavlov or Gerrit Herrmann (M 205).
- In case of questions concerning the lectures, please contact Dmitri Pavlov, Gerrit Herrmann, or Clara Löh.
- In case of questions concerning your curriculum or the examination regulations, please contact the student advisory service or the Prüfungsamtsamt:

<http://www.mathematik.uni-regensburg.de/studium/ansppart.html>

In many cases, also the “Fachschaft” can help and support you:

[http://www-cgi.uni-regensburg.de/Studentisches/FS\\_MathePhysik/cmsms/](http://www-cgi.uni-regensburg.de/Studentisches/FS_MathePhysik/cmsms/)