Course Description:
This course will be an introduction to algebraic topology.
- Simplicial, singular and cellular homology
- Cohomology and the cup product
- Oriented manifolds and Poincaré duality
- ...

Prerequisites:
Familiarity with basic notions of the theory of topological spaces such as the fundamental group (as covered in Chapter I of Hatcher’s book).

Literature:

Date and Place: Wed 12:15–13:45, Fri 12:15–13:45, BigBlueButton
Problem Classes: Mon, 14:15–15:45, BigBlueButton
Starting on: 7 April 2021