



Universität Ulm

Master of Science Physics (PO 2019)

Seminar Modern Methods in Biophysics

Code 8812875147

ECTS credits 3

Attendance time 2

Language of instruction English

Duration 1

Cycle irregular

Coordinator Dean of Physics Studies

Instructor(s) Prof. Kay Gottschalk

Allocation of study programmes Physics M. Sc., elective module
Wirtschaftsphysik M. Sc., elective module

Recommended prerequisites

Learning objectives Students who successfully pass this module

- are able to read and understand a selected topic in physics from various sources, i.e. scientific books, databases and journals (information competence)
- have the ability to elaborate and present a scientific topic in a talk within a given time
- learn to defend their point of view in a scientific discussion

Syllabus The students will conduct literature research and prepare a presentation about modern methods in Biophysics. In the seminar, the students will

- a) discuss strategies to follow and research the vast new amount of literature and
- b) present their results in a 20 min talk and written short summary.

Literature Depending on each topic.

Teaching and learning methods Seminar (2 hours/week)

Workload 90 hours

Assessment The module examination consists of working on a given topic. The colloquium and the participation in the discussion will be graded. At the beginning of the seminar the topics will be assigned and the examination details will be announced. No prerequisites are necessary for exam registration.

Grading procedure The grade of the module will be the grade of the exam.

Basis for
