

# Statistical and Biological Physics

Module No.: MN-P-SP-StatBio, MN-P-PN-StatBio, MN-P-WaMa

Version: 21.06.2017 BM

## Course: Advanced Seminar on Statistical Biology

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Category	Type	Language	Teaching Hours	CP	Semester
Advanced Seminar	Seminar	English	2	3	WiSe

### Requirements for participation:

Experimental and theoretical physics at the level of the bachelor courses in physics

### Type of module examinations:

Presentation in form of a seminar talk and answering of questions from the audience.

### Duration of the course:

1 semester

### Aims of the course:

At the beginning of each semester a thematic focus within the general area of statistical physics of biological systems is defined, and a list of specific topics is presented to the students in the seminar. The topics are usually based on one or more recent publications. Students pick a topic, read selected papers, discuss the content with a tutor, prepare and present a seminar talk in front of an audience, and answer questions of the audience related to the presentation.

### Contents of the course:

- Depending on the thematic focus and the topic of the presentation

### Recommended literature:

Selected reading of publications based on the topic of choice