

# Year 1

# Year 2

## Semester 1

## Semester 2

## Semester 3

## Semester 4

### Mathematical Physics 1

compulsory

10 ECTS

### Advanced Statistical Physics

*physics*

10 ECTS

### Adv. Differential Geometry II

OR

### Stochastic Processes II

10 ECTS

### Mathematical Physics 2

compulsory

10 ECTS

### Stochastic Processes I

*mathematics*

10 ECTS

### New Developments in Stochastics

*seminar*

5 ECTS

Sel. topics in Algebra  
and Geometry  
OR  
Theory of Soft and  
Bio Matter  
OR  
General Relativity

10 ECTS

### Dynamical Systems

10 ECTS

### Research Practice

compulsory

15 ECTS

### Master Thesis

compulsory

30 ECTS