

# Year 1

# Year 2

## Semester 1

## Semester 2

## Semester 3

## Semester 4

### Mathematical Physics 1

compulsory

10 ECTS

Cosmology  
OR  
Selected Topics  
in Analysis

10 ECTS

Advanced  
Differential  
Geometry II

10 ECTS

### Mathematical Physics 2

compulsory

10 ECTS

Advanced  
Analysis - PDE  
*mathematics*

10 ECTS

QFT and Gravity  
*seminar*

5 ECTS

General Relativity  
*physics*

10 ECTS

Dynamical Systems

10 ECTS

Research  
Practice

compulsory

15 ECTS

Master Thesis

compulsory

30 ECTS