

Year 1

Year 2

Semester 1

Semester 2

Semester 3

Semester 4

Mathematical Physics 1

compulsory

10 ECTS

Cosmology
OR
QFT
on curved spacetimes

10 ECTS

Advanced
Differential
Geometry II

10 ECTS

Mathematical Physics 2

compulsory

10 ECTS

Advanced
Differential
Geometry I
mathematics

10 ECTS

New Developments
in Geometry
OR
QFT and Gravity

seminar
5 ECTS

Master Thesis

compulsory

30 ECTS

General Relativity
physics

10 ECTS

Dynamical Systems
OR
Advanced
Analysis - PDE

10 ECTS

Research
Practice

compulsory

15 ECTS