

Focal area: Statistical Physics (516 credits)

Electives are mainly offered by the
Department of Physics

All the compulsory modules of each year plus:

First Year	128 credits
-------------------	--------------------

Introductory Physics A 114	16
Introductory Physics B 144	16

Second Year	128 credits
--------------------	--------------------

Classical mechanics, wave theory and optics 224	16
Electromagnetism & intro to quantum Physics 254	16

Third Year	128 credits
-------------------	--------------------

Statistical Physics A 314	16
Simulation and inference in stochastic systems 344	16
Quantum mechanics A 334	16

Fourth Year	132 credits
--------------------	--------------------

Statistical Physics B 4XX	16
Bayesian Physics 4XX	8 or
Dynamical systems and complexity 4XX	8
Lagrange and Hamilton mechanics 4XX	16
Applied Markov Processes 4XX	16
Stochastic Simulation 4XX	12
Time series Analysis 4XX	12

Students register in the Faculty of Science