

Master in Biology, Major Topic Molecular Bioscience:

Obligatory Courses WS:

Molecular Bioscience 5 CP	Neurobiology 3 CP	Biodiversity / Ecology 3 CP
----------------------------------	--------------------------	------------------------------------

11 CP

Choice of a biological/medical subject, with a total of 15 CP, or a further biological subject with at least 15 CP; WS + SS:

Biochemistry; Pharmacology + Toxicology; Virology; Biophysics; Medical Neuroscience; Human genetics (WS + SS)
 Biological subjects: See modules of the minor topics Neurobiology or Biodiversity and Ecology

15 CP

Choice of a non-biological subject with a total of 12 CP, WS + SS:

Computer science; Mathematics; Chemistry; Economics; Philosophy; Psychology (WS + SS)

12 CP

Choice, two out of three:

Patent right 3 CP (WS)

Quality control 3 CP (SS)

Medical products 3 CP (WS)

6 CP

Without Minor Topic:

Choice, two out of five courses:

Genetics 18 CP (SS)

Endocrinology 18 CP (WS)

Microbiology 18 CP (WS + SS)

Molecular Botany 18 CP (WS or SS)

Protein-Biochemistry 18 CP (SS)

With Minor Topic Neurobiology:

Choice, one out of five courses:

Genetics 18 CP (SS)

Endocrinology 18 CP (WS)

Microbiology 18 CP (WS + SS)

Molecular Botany 18 CP (WS or SS)

Protein-Biochemistry 18 CP (SS)

With Minor Topic Biodiversity and Ecology:

Choice, one out of five courses:

Genetics 18 CP (SS)

Endocrinology 18 CP (WS)

Microbiology 18 CP (WS + SS)

Molecular Botany 18 CP (WS or SS)

Protein-Biochemistry 18 CP (SS)

18 - 36 CP

Choice, courses with a total of at least 18 CP out of five courses:

Chemical Ecology
9 CP (WS)

Systematics
9 CP (SS)

0 - 21 CP

A - P / A – A Inter-
actions 9 CP (SS)

Field Ecology
18 CP (SS)

Tropical ecology 18 CP (WS)

Choice, one out of two courses:

Neurobiology 21 CP (WS)

Behavioral Physiology 21 CP (SS)

Advanced Methods in Bioscience 10 CP

Master Thesis 30 CP (Semester 3 or 4)

40 CP

120 - 123 CP