Major Sciences: Health and Life Sciences  (75 ECTS, exc. R&M)

**Discipline specific Research & Methodology (15 ECTS total)**

Level 100 (total 5 ECTS), Choose one:
- Calculus 1
- Mathematics for Social Sciences and Health Sciences

Level 200 (total 10 ECTS):
- Two electives from R&M list Appendix 4

**Major courses (60 ECTS)**
Within HLS recommendations for three different profiles are indicated: Neurosciences (NS) Life Science and Medicine (LSM) and Public Health (PH)

**Level 100 (20 ECTS)**
*One Compulsory*
- Living Cell 1 (required for living cell 2)
*Two Electives*
- Choose from elective courses in the Sciences (see appendix)
- Human anatomy and histology (NS, LSM)
- Biochemistry (NS, LSM)
- Biopsychology (NS)
- Policy making in the EU (PH)

**Level 200 (max 30 ECTS)**
*Choose 6 courses from:*
- Medical Microbiology (LSM, PH)
- Pharmaceutical roadmap (LSM) (course taught every two years)
- Living Cell II (NS, LSM) (prerequisite: Living Cell 1)
- Practical Life Science (NS, LSM) (prerequisite: Living Cell 1)
- Human immunology (NS, LSM, PH)
- Human Physiology (NS, LSM)
- Genetics (NS, LSM, PH)
- Access to medicines (PH)
- Clinical psychology (NS)
- Cognitive psychology (NS)
- Cognitive neuroscience (NS)
- Global political economy (PH)

**Level 300 (min 10 ECTS)**
*Two electives from:*
- Extended Thesis
- Internship
- Clinical neuropsychology (NS)
- Device physics
- Health Technologies
- Science communication
AND

**Level 300 Capstone**: Oncology (5 ECTS)
**Level 300 Bachelor thesis**: (10 ECTS)

The following University Minors (30 EC) are recommended as deepening Minors within HLS for the indicated profiles:

More Healthy Years (PH)
Sport sciences (LSM)
Culture and cognition (NS)
Future planet innovation (LSM)
Population studies (PH)