

Guided Curriculum in Structural Biology

Required Courses (8 credits of required coursework are mandatory):

Primary

- Protein Dynamics in Health and Disease MBGC 5030Q (2cr) Block 5
- Molecular Genetics of Model Organisms MBGC 5055Q (2 cr) Block 3
- Nucleic Acids MBGC5070Q, MBGC 5071Q (2x2 cr) Blocks 7 & 8
- Introduction to Genomics, Proteomics and Bioinformatics MBGC 5002Q (2 cr) Block 4

Secondary

- Cellular Pathology PATH5100Q (2 cr) Block 8
- Cancer Biology MBGC 5015Q, 5020Q (2x2 cr) Blocks 3 & 4

Electives: (any course listed as "required" can also serve as an elective)

Primary (course numbers are incomplete, apologies)

- Viruses, Cells and Disease BIOC5125Q (2 cr)
- Molecular and Cellular Immunology PATH 5210Q (3 cr)
- Animal Models on Human Disease GSND 5215Q (2 cr)
- Molecular Mechanisms of Medical Disorders (4 cr)
- Principles of Pharmacology CBNP 5020Q (2 cr)
- Introduction to Structural Biology (1 cr)

Secondary

- Viruses, Cells and Disease BIOC5125Q (2 cr)
- Human Genetics MICR 5045Q (2cr)
- Advanced Bioinformatics BIOC 5003Q (2 cr)
- Human Genetics (2 cr)
- Methods in Stem Cells, Transgenics, Imaging Techniques (2 cr)
- Developmental Biology (2 cr)
- Fundamentals of Neuroscience NEUR 5200Q (3 cr)
- Classic and 21st Century Pathogens TIII5620Q (2 cr)