

Curriculum **Medical Life Sciences**

Semester 1

Compulsory modules			
Basics of molecular biology	Medical statistics	Orientation: Studies & career	
Clinical disease manifestations	Immunology	Clinical cell biology	Human Biology - Anatomy
Molecular pathology	Systems biology		

Semester 2

Focus area (choose one)				Electives (choose one)			Compulsory
Inflammation	Oncology	Longevity	Evolutionary medicine	Epidemiology	Tracing disease through time	Imaging	Molecular pathology
Lecture Seminar	Lecture Seminar	Lecture Seminar	Lecture Seminar				Bioinformatics
Lab practical 1	Lab practical 1	Lab practical 1	Lab practical 1				Molecular immunology
Lab practical 2	Lab practical 2	Lab practical 2	Lab practical 2				Engl. scient. writing 1
Clinical practical	Clinical practical	Clinical practical	Clinical practical				Project planning
							Pharmacology

Semester 3

Continue focus area				Continue elective + choose additional small elective			Compulsory
Inflammation	Oncology	Longevity	Evolutionary medicine	Epidemiology + small elective*	Tracing disease + small elective*	Imaging + small elective*	Scientific studies
Lab project	Lab project	Lab project	Lab project				Project: Block seminar
Seminar	Seminar	Seminar	Seminar				Human genetics
Joint seminar: Current affairs all focus areas							Engl. scient. writing 2
							New technologies in biomedicine

*Small electives to choose from: Epithelial Barrier Functions, Neuro-sciences, Regen. Medicine, Inflammation + degeneration of the eye

Sem. 4

Master's thesis
