



## Study Plan Master study program Molecular Medicine

semester	modul 1/7/9/11	modul 2/5/6	modul 3/8/10	modul 4	Credit Points (120 CP)
1st	Current Concepts in Stem Cell Biology and Regenerative Medicine (6 CP)	Bioinformatics and Systems Biology (6 CP)	New Drug Discovery, Development, and Evaluation (5 CP)	Practical Training in Laboratory Methods and Correlative Imaging (13 CP)	30 CP
2nd	Block "Molecular Oncology": lecture, 4 weeks research internship, seminar (12 CP)	GLSP/Bioethics (6 CP)	Block "Infectious diseases and immune defense": lecture, 4 weeks research internship, seminar (12 CP)		30 CP
3rd	Block "Signaling pathways in stem cells, development and aging": lecture, 4 weeks research internship, seminar (12 CP)	Clinical trials/Project management and funding (6 CP)	Block "Trauma research and regenerative medicine": lecture, 4 weeks research internship, seminar (12 CP)	Or: Block "Molecular Oncology II": lecture, 4 weeks research internship, seminar (12 CP)	30 CP
4th	Master Thesis and Disputation including Journal Club and Progress Report (30 CP)				30 CP