

Curriculum MSc. Regenerative Biology and Medicine

Module	Responsible Professor	SWS	Type	Exams	ECTS
First Semester					
Stem Cells, Development and Regeneration	Brand	4	Lecture	written exam (90 min)	9
		2	Seminar		
Light and Electron Microscopy	Brand	2 weeks	Block	oral exam (30 min) protocol	5
Scientific Working Methods and Conduct	Bonifacio	2	Seminar	assignment paper presentation	5 (over two sem)
Model Organism Research / Cell- and Organ-based Research / Molecular Biology Research	Calegari / Ader / Kempermann	2	Lecture	mini-thesis (lab report)	16
		2	Exercise	oral exam (20 min)	
		20	Lab		
				total ECTS	32
Second Semester					
Genetic and Quantitative Analysis of Stem Cell Biology	Kempermann	2	Lecture	written exam (90 min) protocol	8
		2	Exercise		
Organ Systems and Disease	Bonifacio	8	Lecture	two written exams (90 min each)	10 (over two sem)
		2	Seminar		
Scientific Working Methods and Conduct	Bonifacio	2	Seminar	assignment paper presentation	5 (over two sem)
Model Organism Research / Cell- and Organ-based Research / Molecular Biology Research	Calegari / Ader / Kempermann	2	Lecture	mini-thesis (lab report)	16
		2	Exercise	oral exam (20 min)	
		20	Lab		
				total ECTS	31

Third Semester					
Organ Systems and Disease	Bonifacio	8	Lecture	two written exams (90 min each)	10 (over two sem)
		2	Seminar		
Clinical Translation and Trials in Practice	Bornhäuser	2	Lecture	written test (90 min)	5
		2	Exercise	oral exam (15 min)	
Model Organism Research / Cell- and Organ-based Research / Molecular Biology Research	Calegari / Ader / Kempermann	2	Lecture	mini-thesis (lab report)	16
		2	Exercise	oral exam (20 min)	
		20	Lab		
				total ECTS	27
Fourth Semester					
Master's Thesis					30
				total ECTS	120