

Master Biophysik

Name of the module	Module element	Graded/ ungraded	CP (ECTS)		WS		SS		WS		SS	
					Semester							
					1		2		3		4	
					V / Ü / P SWS	CP	V / Ü / P SWS	CP	V / Ü / P SWS	CP	V / Ü / P SWS	CP
Experimental Biophysics			0	5	0 / 0 / 0	0	3 / 1 / 0	5	0 / 0 / 0	0	0 / 0 / 0	0
Experimental Biophysics	Advanced concepts in experimental biophysics	g		5			3 / 1 / 0	5				
Theoretical Biophysics*			0	5	3 / 1 / 0	5	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 0	0
Theoretical Biophysics	Advanced/Basics concepts in theoretical biophysics	g		5	3 / 1 / 0	5						
Advanced Biophysics Lab			11	0	0 / 0 / 6	7	0 / 0 / 6	4	0 / 0 / 0	0	0 / 0 / 0	0
Advanced Biophysics Lab	Advanced Lab	u	11		0 / 0 / 6	7	0 / 0 / 6	4				
Seminare + Projects			30	4	0 / 0 / 0	0	0 / 0 / 2	4	0 / 0 / 20	30	0 / 0 / 0	0
Biophysics Seminar	Seminar on current questions of biophysics	g		4			0 / 0 / 2	4				
Research Seminar	Research Seminar	u	15						0 / 0 / 10	15		
Laboratory Project	Laboratory Project	u	15						0 / 0 / 10	15		
Specialized biophysical modules**			5	10	0 / 0 / 0	5	3 / 1 / 0	10	0 / 0 / 0	0	0 / 0 / 0	0
Biophysical course 1		g		5	3 / 1 / 0	5						
Biophysical course 2		g		5			3 / 1 / 0	5				
Biophysical course 3		u	5				3 / 1 / 0	5				
Specialized non-biophysical modules***			11	9	5 / 2 / 0	12	2 / 0 / 0	8	0 / 0 / 0	0	0 / 0 / 0	0
Non-biophysical course 1		g		9	4 / 2 / 0	9						
Non-biophysical course 2		u	3				2 / 0 / 0	3				
Non-biophysical course 3		u	3		1 / 0 / 0	3						
Non-biophysical course 4		u	2				1 / 0 / 0	2				
Non-biophysical course 5		u	3				2 / 0 / 0	3				
Thesis			0	30	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 20	30
Master thesis		g		30							0 / 0 / 20	30
	Sum		0	5	0 / 0 / 0	0	3 / 1 / 0	5	0 / 0 / 0	0	0 / 0 / 0	0
	Theoretical Biophysics		0	5	3 / 1 / 0	5	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 0	0
	Advanced Biophysics Lab		11	0	0 / 0 / 6	7	0 / 0 / 6	4	0 / 0 / 0	0	0 / 0 / 0	0
	Seminare + Projects		30	4	0 / 0 / 0	0	0 / 0 / 2	4	0 / 0 / 20	30	0 / 0 / 0	0
	Specialized biophysical modules		5	10	0 / 0 / 0	5	3 / 1 / 0	10	0 / 0 / 0	0	0 / 0 / 0	0
	Specialized non-biophysical modules		11	9	5 / 2 / 0	12	2 / 0 / 0	8	0 / 0 / 0	0	0 / 0 / 0	0
	Thesis		0	30	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 0	0	0 / 0 / 20	30
	ECTS-CP total		57	63	8 / 3 / 6	29	8 / 2 / 8	31	0 / 0 / 20	30	0 / 0 / 20	30

120

* = For students with a bachelor's degree in biology, an alternative course is offered that introduces theoretical concepts and mathematical techniques in biophysics.

Note: 1 Credit Point (CP) corresponds to 30 hours of working time

** = this is only a possible selection, see module handbook for more courses for specialized biophysical modules.

Grading: g = graded; u = ungraded

*** = this is only a possible selection, see module handbook for more courses for specialized non-biophysical modules.