

Bachelor programme Biosciences – Exemplary Study Plan

Subject Semester	Title of the event	Module No.	Style of event	Duration (SWS)	Duration (CP)
1. WS	Structure + function of organisms	BSc-Biow-1	S, L, I, T	10,5	12
	Fundamentals of General and Inorganic Chemistry for Natural Scientists and Teacher Candidates	BSc-Biow-2a	L, E	5	7
	Introduction to Physics I	BSc-Biow-4a	L, E	4	5
	Statistics	BSc-Biow-5	L, E	2	4
	Sum of SHW or CP			21,5	28
2. SS	Diversity of organisms: plants and fungi	BSc-Biow-6a	L, I, E, T	4,5	6
	Diversity of organisms: animals	BSc-Biow-6b	L, I, E, T	4,5	6
	Organic Chemistry for Scientists and Teachers L2 - Lecture and Tutorials	BSc-Biow-3a	L, E	5	8
	Introduction to Physics II	BSc-Biow-4b	L, E	4	5
	Physical Internship for Biologists	BSc-Biow-4a	I	3	3
	Internship in General and Inorganic Chemistry for natural scientists and teacher candidates	BSc-Biow-2b	I, S	4	4
	Sum of SHW or CP			25	32
3. WS	Biochemistry and Animal Physiology (1st half of semester)	BSc-Biow-7	L	4	6
	Microbiology and Plant Physiology (1st and 2nd half of semester)	BSc-Biow-11	L	4	6
	Ecology and Evolution (2nd half of semester)	BSc-Biow-9	L	4	6
	Internship Organic Chemistry for Natural Scientist and Teacher L2	BSc-Biow-3b	I, S	10	9
	Physical Internship for Biologists II	BSc-Biow-4b	I	3	3
	Sum of SHW or CP			25	30
4. SS	Neurobiology, Cell and Developmental Biology (1st half of semester)	BSc-Biow-10	L	4	6
	Genetics and Molecular Biology (1st and 2nd semester)	BSc-Biow-8	L	4	6

	Specialization 1 (1st half of semester)	BSc-Biow-12A-C	I, S	4	
	Specialization 2 (2nd half of semester)	BSc-Biow-13A-C	I, S	4	6
	Lecture series "Research in Frankfurt"	BSc-Biow-18	L	2	2
	Literature seminar and presentation techniques	BSc-Biow-18	S	1,5	1,5
	Sun of SHW or CP			19,5	28
5. WS	Specialization 3 (1st half of semester)	BSc-Biow-14A-D	I, S	4	6
	Specialization 4 (2nd half of semester)	BSc-Biow-15A-C	I, S	4	6
	Team management & leadership competence	BSc-Biow-17	S, T	5	8
	Free study	BSc-Biow-16	L, I, S	4	6
	Scientific research	BSc-Biow-19	S	2	4
	Literature seminar and presentation techniques	BSc-Biow-18	S	1,5	2
	Sum of SHW or CP			20,5	32
6. SS	Institute colloquium	BSc-Biow-18	Co	1	1
	Free study	BSc-Biow-16	L, E, I, S	4	6
	Working group seminar	BSc-Biow-19	S	1	2
	Project planning	BSc-Biow-19	S	3	5
	Introduction to scientific working techniques	BSc-Biow-19	I	4	4
	Bachelor thesis	BSc-Biow-20	I	12	12
	Sum of SHW or CP			25	30
	Sum 1-6 Semester			136	180

WS - winter semester, SS - summer semester; I - internship, S - seminar, T - tutorial, L - lecture, E - exercise, CO - Colloquia, SHW - Semester hours per week