module code / module title

ResProj / Research Project

date / version of the module description	25.05.2022

1	INFORMATION ON THE MODULE	
1a	module code	ResProj
1b	module title *(German title)*	Forschungsprojekt
1c	module title *(English title)*	Research Project
1d	credit points	15
1e	responsible for the module	Prof. Dr. Martin Diekmann
1f	type of module	compulsory module
1g	programs using the module	M.Sc. Ecology
1h	organizational unit offering the module	Klicken Sie hier, um Text einzugeben.
1i	content-related prior knowledge or skills	Klicken Sie hier, um Text einzugeben.
1j	learning contents	The module research project aims at the training and individual performance of a research project under supervision of a senior scientist in the framework of inquiry-based learning. • Work on all steps of a scientific project by way of example: 1. Identification of research question(s) and hypotheses 2. Practical planning and outline of time schedule with supervisor 3. Initial literature review 4. Sampling of data 5. Analysis and interpretation of data

6. Writing, revision and formatting of project report

This part (steps 1-5) includes **compulsory elective choices (Wahlpflicht, WP) of 9-12 weeks duration:**

WP1: Students undertake the practical work integrated in a research group at the University of Bremen, usually at the Institute of Ecology.

WP2: Students undertake the practical work as internship students integrated in an external national or international research group

1k learning outcomes/ competencies/ targeted competencies

- Students can plan and execute a scientific project independently in single or group work and can thus implement the entire procedure of a research work from the stage of planning, hypothesis forming, sampling and analysing of data to final writing
- They can carry out ecological research on a level enabling them to proceed with a Master thesis

1l calculation of student workload

(part a: calculation of presence time and working hours)

The total amount of the presence time and working hours of the module has to be calculated additionally in the detailed calculation a) to c).

a) detailed calculation:
SWS / presence time/working hours in each course of the module

☐		lecture(s) with		SWS/ contact hours		hours of presence time
☒	1	seminar(s) with	1	SWS/ contact hours	14	hours of presence time
☐		exercise(s) with		SWS/ contact hours		hours of presence time
☐		internship(s) with		sum of working hours		
☐		seminar(s) with		SWS/ contact hours		total hours of presence time
☐		laboratory/laboratories with		SWS/ contact hours		total hours of presence time
☐		tutorial(s) with		SWS/ contact hours		
☐		excursion(s) with		SWS contact hours in total		working hours

☐ other form of course (e.g. block seminar), namely this:

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with SWS / with totaly contact hours ☐ presence time ☐ working hours

		= sum of presence time and working hours: 14
	calculation of student workload *(part b: preparation time and follow-up work/self-study)*	**b) working hours for preparation/follow-up work of the course(s) and/or self-study** = sum of working hours: • Exercises: 100 hours 100 hours in total
	calculation of student workload *(part c: exam preparation etc.)*	**c) exam preparation (incl. examination)** = sum of working hours: 336 hours
	calculation of student workload *(total amount of hours including a) - c))*	**Total amount of the presence time and working hours a) to c):** 450 hours
1m	description of possible optional courses in the module	*Can a student choose between different courses within the module?* YES *Short description of selection option* The module includes **compulsory elective choices (Wahlpflicht, WP) of 9-12 weeks duration:** WP1: Students undertake the practical work integrated in a research group at the University of Bremen, usually at the Institute of Ecology. WP2: Students undertake the practical work as internship students integrated in an external national or international research group
1n	language(s) of instruction	☐ German ☒ English ☐ Spanish ☐ French ☐ Other, namely this: Klicken Sie hier, um Text einzugeben.
1o	frequency	*(regular cycle module is offered) e.g.: winter semester, yearly or summer semester, yearly or each semester* winter semester yearly Klicken Sie hier, um Text einzugeben.
1p	duration	Other, namely this: One semester
1q	Literature (*optional*)	Klicken Sie hier, um Text einzugeben.

1r	more information on the module (*optional*)	Instructors: All lecturers of the M.Sc. programme of Ecology
2	**INFORMATION ON THE MODULE EXAMINATION** (see also AT Art. 5 section 8)	
2a	type of examination	☒ module exam; i.e. exam with only one component (MP) ☐ combination exam, i.e. exam with several components (administered by instructors) (KP) ☐ partial exam; i.e. exam with several components (administered by registrar) (TP)
2b	exam components or prerequisites *(type, number)*	***PL*** *= graded component of the examination* ***SL*** *= ungraded component of the examination, coursework* ***PVL*** *= prerequisite of the examination (see AT Art. 5 Section 10)* ☒ PL | 1 ☐ SL | ☐ PVL | justification If necessary, further explanations: PL = project report
2c	Give this information for combination examinations only: Weights (in percentage) of component grades	PL 1: Klicken Sie hier, um Text einzugeben. PL 2: Klicken Sie hier, um Text einzugeben. PL 3: Klicken Sie hier, um Text einzugeben. PL 4: Klicken Sie hier, um Text einzugeben. If necessary, further comments: Klicken Sie hier, um Text einzugeben.
2d	form of examination (see AT BPO/AT MPO Art. 8, 9 and 10)	☐ Assignment ☐ Oral examination (single) ☐ Presentation, oral ☐ Written examination ☐ Group examination, oral ☐ Presentation and written assignment ☐ Portfolio ☒ Project report ☐ Bachelor Thesis ☐ Internship report ☐ Colloquium ☐ Master Thesis ☐ Other (concrete definition is given in the examination regulations): Klicken Sie hier, um Text einzugeben.
2e	language(s) of instruction	☐ German ☒ English ☐ Spanish ☐ French ☐ Other, namely this: Klicken Sie hier, um Text einzugeben.