
pb092 - Field Methods in Biology

Module label
Modulkürzel
Credit points
Workload

Field Methods in Biology
pb092
12.0 KP
360 h
(
Präsenzzeit: 224 Stunden, Selbststudium: 136 Stunden
)

Verwendbarkeit des Moduls

- Bachelor's Programme Biology (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Biology (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Business Administration and Law (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Business Administration and Law (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Business Informatics (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Business Informatics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Chemistry (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Chemistry (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Comparative and European Law (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Comparative and European Law (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Computing Science (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Computing Science (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Economics and Business Administration (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Economics and Business Administration (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Education (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Engineering Physics (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Engineering Physics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Environmental Science (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Environmental Science (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Intercultural Education and Counselling (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Intercultural Education and Counselling (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Mathematics (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Mathematics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Physics (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Physics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Bachelor's Programme Physics, Engineering and Medicine (Bachelor) > Fachnahe Angebote Biologie
- Bachelor's Programme Physics, Engineering and Medicine (Bachelor) > Fachnahe Angebote Umweltwissenschaften

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- Bachelor's Programme Social Studies (Bachelor) > Fachnahe Angebote Biologie
 - Bachelor's Programme Social Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Bachelor's Programme Sustainability Economics (Bachelor) > Fachnahe Angebote Biologie
 - Bachelor's Programme Sustainability Economics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Art and Media (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Art and Media (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Biology (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Biology (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Chemistry (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Chemistry (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Computing Science (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Computing Science (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Dutch Linguistics and Literary Studies (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Dutch Linguistics and Literary Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Economic Education (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Economic Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Economics and Business Administration (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Economics and Business Administration (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Education (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Elementary Mathematics (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Elementary Mathematics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme English Studies (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme English Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme Gender Studies (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme Gender Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme General Education (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme General Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme German Studies (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme German Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-Subject Bachelor's Programme History (Bachelor) > Fachnahe Angebote Biologie
 - Dual-Subject Bachelor's Programme History (Bachelor) > Fachnahe Angebote Umweltwissenschaften
 - Dual-subject bachelor's programme Low German (Bachelor) > Fachnahe Angebote Biologie
 - Dual-subject bachelor's programme Low German (Bachelor) >

Fachnahe Angebote Umweltwissenschaften

- Dual-Subject Bachelor's Programme Material Culture: Textiles (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Material Culture: Textiles (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Mathematics (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Mathematics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Music (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Music (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Philosophy / Values and Norms (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Philosophy / Values and Norms (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Physics (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Physics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Politics-Economics (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Politics-Economics (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Protestant Theology and Religious Education (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Protestant Theology and Religious Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Slavic Studies (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Slavic Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Social Studies (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Social Studies (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Special Needs Education (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Special Needs Education (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Sport Science (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Sport Science (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Dual-Subject Bachelor's Programme Technology (Bachelor) > Fachnahe Angebote Biologie
- Dual-Subject Bachelor's Programme Technology (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Fach-Bachelor Pädagogisches Handeln in der Migrationsgesellschaft (Bachelor) > Fachnahe Angebote Biologie
- Fach-Bachelor Pädagogisches Handeln in der Migrationsgesellschaft (Bachelor) > Fachnahe Angebote Umweltwissenschaften
- Schmaljohann, Heiko (module responsibility)
- der Biologie, Lehrende (Module counselling)
- der Umweltwissenschaften, Lehrende (Module counselling)

Zuständige Personen

Prerequisites

Skills to be acquired in this module

+ biological knowledge ++ knowledge of biological working methods + biologically relevant knowledge in the natural sciences and mathematics ++ statistics & scientific programming + abstract, logical, analytical thinking ++ deepened expertise in biological specialist field ++ independent learning and (research-based) working ++ data presentation and evidence-based discussion (written and spoken) ++ teamwork ++ (scientific) communication skills ++ project and time management[nop] Following the theoretical fundamentals of previous studies, students are to apply the scientific approaches imparted by

		teachers to practical hypothesis-based field studies in this module. The obtained results are documented in a laboratory course report. The cooperation of teachers from different fields enables also interdisciplinary approaches (e.g. botanical-zoological approach) to be followed.		
Module contents		S: Biogeographical and ecological classification and characterization of a biome (e.g. Mediterranean area, humid tropics, boreal zone), group elaboration of scientific topics, presentation of results PR: Performing a free field research project, data analysis, preparing a paper		
Literaturempfehlungen		Depending on the destination of the field study as well as on the special fields of the responsible supervisors		
Links		http://www.uni-oldenburg.de/fun_eco/		
Language of instruction		German		
Duration (semesters)		1 Semester		
Module frequency		jährlich		
Module capacity		unlimited (		
		Wenn mehr InteressentInnen als Plätze vorhanden sind, wird ein Motivationsschreiben den Ausschlag geben.		
		)		
Type of module		Ergänzung/Professionalisierung		
Module level		PB (Professionalisierungsbereich / Professionalization)		
Teaching/Learning method		SoSe:		
		Ü Freilandmethoden in der Biologie - Exkursion (9 KP, 8 SWS)		
		SE Freilandmethoden in der Biologie – Seminar (3 KP, 2 SWS)		
		Es gelten die von den Modulverantwortlichen festgelegten Rahmenbedingungen wie Anwesenheit und geforderte unbenotete Leistungen.		
Examination		Prüfungszeiten	Type of examination	
Final exam of module			1 Portfolio (max. 3 achievements)	
		PLEASE NOTE:		
		Additional conditions regarding attendance and ungraded activities as determined by the persons responsible for the module will apply.		
Lehrveranstaltungsform	Comment	SWS	Frequency	Workload of compulsory attendance
Seminar		2	--	28
Exercises		10	--	140
Präsenzzeit Modul insgesamt				168 h