

module code /
module title

Food Web

 date / version of the module
description

15.02.2024

1 INFORMATION ON THE MODULE		
1a	module code	Food Web
1b	module title (German title)	Nahrungsnetz
1c	module title (English title)	Food Web
1d	credit points	6
1e	responsible for the module	Priv. Doz. Dr. Cédric Meunier
1f	type of module	elective 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	Prior completion of the module Community Ecology is recommended
1j	learning contents	<ul style="list-style-type: none"> • Understand how food webs are structured and function • Compare and contrast different food webs • Hypothesize how changes in biotic and abiotic factors may affect food webs • Identify the appropriate tools to study specific trophic interactions
1k	learning outcomes/ competencies/ targeted competencies	<p>The objective of this course is to present what food webs are, why they are important, and how they can be studied. The course is organised in three parts, which are all interactive. The first one is dedicated to lectures presenting what food webs are, and what characterizes them. Among other topics, these lectures address the concepts of keystone species, interaction strength, stability and resilience. These lectures also present different types of food webs, their similarities and differences, as well as their structure and functioning. The students learn about different experimental and theoretical approaches that can be used to study food webs. The students apply the knowledge and skills gained during a group project,</p>

by conducting a literature review to identify how a given ecological theory can help studying concrete problems associated with global change impact on food webs.

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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

<input type="checkbox"/>	lecture(s) with		SWS/ contact hours	hours of presence time
<input checked="" type="checkbox"/>	1 seminar(s) with	3	SWS/ contact hours	42 hours of presence time
<input checked="" type="checkbox"/>	1 exercise(s) with	3	SWS/ contact hours	42 hours of presence time
<input type="checkbox"/>	internship(s) with		sum of working hours	
<input type="checkbox"/>	seminar(s) with		SWS/ contact hours	total hours of presence time
<input type="checkbox"/>	laboratory/laboratories with		SWS/ contact hours	total hours of presence time
<input type="checkbox"/>	tutorial(s) with		SWS/ contact hours	
<input type="checkbox"/>	excursion(s) with		SWS contact hours in total	working hours

other form of course (e.g. block seminar), namely this:
Klicken Sie hier, um Text einzugeben.

with SWS / with total contact hours presence time working hours

= sum of presence time and working hours:
84

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:
50

	calculation of student workload <i>(part c: exam preparation etc.)</i>	c) exam preparation (incl. examination) = sum of working hours: 46
	calculation of student workload <i>(total amount of hours including a) - c))</i>	Total amount of the presence time and working hours a) to c): 180
1m	description of possible optional courses in the module	<u>Can a student choose between different courses within the module?</u> NO <u>Short description of selection option</u> Klicken Sie hier, um Text einzugeben.
1n	language(s) of instruction	<input type="checkbox"/> German <input checked="" type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> French <input type="checkbox"/> Other, namely this: Klicken Sie hier, um Text einzugeben.
1o	frequency	<i>(regular cycle module is offered) e.g.: winter semester, yearly or summer semester, yearly or each semester</i> summer semester yearly Klicken Sie hier, um Text einzugeben.
1p	duration	Other, namely this: Two-weeks block course (including examination), Monday-Friday
1q	Literature <i>(optional)</i>	Klicken Sie hier, um Text einzugeben.
1r	more information on the module <i>(optional)</i>	Instructors: Cédric Meunier
2	INFORMATION ON THE MODULE EXAMINATION (see also AT Art. 5 section 8)	
2a	type of examination	<input checked="" type="checkbox"/> module exam; i.e. exam with only one component (MP) <input type="checkbox"/> combination exam, i.e. exam with several components (administered by instructors) (KP) <input type="checkbox"/> partial exam; i.e. exam with several components (administered by registrar) (TP)
2b	exam components or prerequisites <i>(type, number)</i>	<i>PL = graded component of the examination</i> <i>SL = ungraded component of the examination, coursework</i> <i>PVL = prerequisite of the examination (see AT Art. 5 Section 10)</i> <input checked="" type="checkbox"/> PL <input type="checkbox"/> SL <input type="checkbox"/> PVL justification If necessary, further explanations:

		Klicken Sie hier, um Text einzugeben.															
2c	Give this information for combination examinations only: Weights (in percentage) of component grades	<p>PL 1: Klicken Sie hier, um Text einzugeben.</p> <p>PL 2: Klicken Sie hier, um Text einzugeben.</p> <p>PL 3: Klicken Sie hier, um Text einzugeben.</p> <p>PL 4: Klicken Sie hier, um Text einzugeben.</p> <p>If necessary, further comments:</p> <p>Klicken Sie hier, um Text einzugeben.</p>															
2d	form of examination (see AT BPO/AT MPO Art. 8, 9 and 10)	<table border="0"> <tr> <td><input type="checkbox"/> Assignment</td> <td><input type="checkbox"/> Oral examination (single)</td> <td><input checked="" type="checkbox"/> Presentation, oral</td> </tr> <tr> <td><input type="checkbox"/> Written examination</td> <td><input checked="" type="checkbox"/> Group examination, oral</td> <td><input type="checkbox"/> Presentation and written assignment</td> </tr> <tr> <td><input type="checkbox"/> Portfolio</td> <td><input checked="" type="checkbox"/> Project report</td> <td><input type="checkbox"/> Bachelor Thesis</td> </tr> <tr> <td><input type="checkbox"/> Internship report</td> <td><input type="checkbox"/> Colloquium</td> <td><input type="checkbox"/> Master Thesis</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Other (concrete definition is given in the examination regulations):</td> </tr> </table> <p>Klicken Sie hier, um Text einzugeben.</p>	<input type="checkbox"/> Assignment	<input type="checkbox"/> Oral examination (single)	<input checked="" type="checkbox"/> Presentation, oral	<input type="checkbox"/> Written examination	<input checked="" type="checkbox"/> Group examination, oral	<input type="checkbox"/> Presentation and written assignment	<input type="checkbox"/> Portfolio	<input checked="" type="checkbox"/> Project report	<input type="checkbox"/> Bachelor Thesis	<input type="checkbox"/> Internship report	<input type="checkbox"/> Colloquium	<input type="checkbox"/> Master Thesis	<input type="checkbox"/> Other (concrete definition is given in the examination regulations):		
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