

Subdivided Module Catalogue for the Module studies (Bachelor)

Biology

Examination regulations version: 2019 Responsible: Faculty of Biology

JMU Würzburg • generated 19-Apr-2025 • exam. reg. data record MB|026|-|-|H|2019



Abbreviations used

Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\ddot{\mathbf{U}} = \text{exercise}$, $\mathbf{V} = \text{lecture}$

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: A = thesis, LV = course(s), PL = assessment(s), TN = participants, VL = prerequisite(s)

Conventions

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Notes

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should the module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with

the general regulations governing the degree subject described in this module catalogue:

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

15-May-2019 (2019-36)

27-Jun-2019 (2019-41)

14-Nov-2019 (2019-52)

22-Jan-2020 (2020-13)

o6-May-2020 (2020-39)

22-Jul-2020 (2020-57)

17-Dec-2020 (2020-110)

10-Mar-2021 (2021-17)



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o9-Jun-2021 (2021-58)
22-Dec-2021 (2021-85)
05-Jul-2022 (2022-52)
31-Jan-2023 (2022-86)
15-Jun-2023 (2023-58)
13-Dec-2023 (2023-107)
07-Aug-2024 (2024-82)
22-Jan-2025 (2025-1)
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This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.



The subject is divided into

Abbreviation Module title			Method of grading	page	
Summer Term 2019					
07-SQF-KEB-152-m01	Career Perspectives, Personal Competence and Communication Skills	5	NUM	33	
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35	
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32	
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37	
07-SQF-PR05-182-m01	Computer languages and programming 5	5	B/NB	39	
07-SQF-RETH-152-m01	5	NUM	41		
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43	
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45	
07-SQF-BUFLY-182-m01					
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47	
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48	
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50	
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51	
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52	
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53	
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54	
07-SQF-ZQN2-152-m01			B/NB	55	
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3		B/NB	56	
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	3 4	B/NB	57	
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58	
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59	
Winter Term 2019				, ,,	
07-SQF-KEB-152-m01	Career Perspectives, Personal Competence and Communication Skills	5	NUM	33	
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35	
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32	
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37	
07-SQF-PR05-182-m01	Computer languages and programming 5	5	B/NB	39	
07-SQF-RETH-152-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	41	
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43	
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45	
07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies	5	NUM	31	
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47	
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48	
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50	
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51	
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52	
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	<u>'</u> 5	B/NB	53	



07-SQF-ZQA6-152-m01 Additional Qualification outside Natural Sciences 6			NUM	54			
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55			
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56			
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57			
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58			
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59			
Summer Term 2020							
07-SQF-KEB-152-m01	Career Perspectives, Personal Competence and Communication Skills	5 NUM		33			
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35			
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32			
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37			
07-SQF-PRO5-182-m01	Computer languages and programming 5	5	B/NB	39			
07-SQF-RETH-152-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	41			
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43			
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45			
07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies		NUM	31			
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg		B/NB	47			
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48			
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50			
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51			
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52			
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53			
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54			
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55			
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56			
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57			
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58			
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM				
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	59 15			
o7-ASQ-GTB-182-mo1	Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)	3	B/NB	16			
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Faculties	5	B/NB	24			
07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18			
07-ASQ-NIF-201-m01	Experience nature outdoors	5	B/NB	19			
07-ASQ-NCB-201-m01	Nature Conservation Biology	5	B/NB	17			
	Orientation/Review of inorganic Chemistry for students in Bio-	J	275	- '			
07-ASQ-VAC-201-m01	logy and MINT studyprograms	5	B/NB	20			
07-ASQ-VST-201-m01	Orientation/Review of Statistics for students in Biology and MINT studyprograms	5	B/NB	23			
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms	5	B/NB	21			
07-ASQ-V0C-201-m01	Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms	5	B/NB	22			



Winter Term 2020	Handa analis the Diagram		D/ND		
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15	
07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18	
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35	
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47	
07-ASQ-VAC-201-m01 Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms			B/NB	20	
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48	
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Facul-				
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50	
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51	
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52	
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53	
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54	
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55	
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56	
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57	
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58	
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59	
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1		B/NB	27	
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2		B/NB	28	
07-LLG-P1-202-m01	Practical Experience in transfer of knowledge obtained in the		B/NB	29	
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the		B/NB	30	
Summer Term 2021					
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15	
07-ASQ-GTB-182-m01	Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)	3	B/NB	16	
07-SQF-KEB-152-m01	Career Perspectives, Personal Competence and Communication Skills	5	NUM	33	
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27	
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28	
07-ASQ-NIF-201-m01	Experience nature outdoors	5	B/NB	19	
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32	
07-LLG-P1-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	3	B/NB	29	
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	3	B/NB	30	
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37	
07-SQF-PRO5-182-m01	Computer languages and programming 5	5	B/NB	39	
07-SQF-RETH-211-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	42	
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43	
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45	



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07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies	5	NUM	31
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47
07-ASQ-VAC-201-m01	Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms	5	B/NB	20
07-ASQ-VST-201-m01	Orientation/Review of Statistics for students in Biology and MINT studyprograms	5	B/NB	23
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms	5	B/NB	21
07-ASQ-VOC-201-m01	Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms	5	B/NB	22
07-SQF-WIP-152-m01	SQF-WIP-152-m01 Publishing Scientific Data		NUM	48
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Faculties	5	B/NB	24
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
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07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56
07-SQF-ZQN4-152-m01	SQF-ZQN4-152-mo1 Additional Qualification in Natural Sciences 4		B/NB	57
07-SQF-ZQN5-152-m01	N5-152-mo1 Additional Qualification in Natural Sciences 5		B/NB	58
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59
Winter Term 2021			•	•
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35
07-LLG-P1-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	3	B/NB	29
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	3	B/NB	30
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Faculties	5	B/NB	24
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56



07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59
Summer Term 2022				
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15
07-ASQ-GTB-182-m01	Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)	3	B/NB	16
07-SQF-KEB-152-m01	5	NUM	33	
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-ASQ-NIF-201-m01	Experience nature outdoors	5	B/NB	19
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32
07-LLG-P1-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	3	B/NB	29
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	3	B/NB	30
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37
07-SQF-PRO5-182-m01	Computer languages and programming 5	5	B/NB	39
07-SQF-RETH-211-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	42
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43
07-SQF-STAT5-182-m01	Statistics 5		B/NB	45
07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies		NUM	31
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg		B/NB	47
07-ASQ-VAC-201-m01	Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms	5	B/NB	20
07-ASQ-VST-201-m01	Orientation/Review of Statistics for students in Biology and MINT studyprograms	5	B/NB	23
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms	5	B/NB	21
07-ASQ-VOC-201-m01	Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms	5	B/NB	22
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Faculties	5	B/NB	24
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	 5	B/NB	53
			NUM	54
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	INOM	
07-SQF-ZQA6-152-m01 07-SQF-ZQN2-152-m01	Additional Qualification outside Natural Sciences 6 Additional Qualification in Natural Sciences 2	2	B/NB	_
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2		55
07-SQF-ZQN2-152-m01 07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 2 Additional Qualification in Natural Sciences 3	2	B/NB B/NB	55 56
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55



07-ASQ-eBio-152-mo1 How to excel in the Bioscience 5 B/NB 15 07-LLG-Miz-202-mo1 Methods and tools for Nature- and Environmental Education 1 3 B/NB 27 07-ASQ-NIE-202-mo1 Science experiments 5 B/NB 18 07-ASQ-NIE-201-mo1 Science experiments 5 B/NB 18 07-SQF-OSB-152-mo1 Organisation and Safety in Biosciences 5 NUM 35 07-LLG-Pt-202-mo1 Tracking Learning-Garden 1 3 B/NB 29 07-SQF-UBG-152-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 3 B/NB 30 07-SQF-UBG-152-mo1 Provinomental Education in the Botanic Garden of Würzburg University 2 B/NB 47 07-SQF-WIP-152-mo1 Publishing Scientific Data 3 NUM 48 07-SQF-ZQA3-152-mo1 Additional Qualification outside Natural Sciences 2 2 B/NB 30 07-SQF-ZQA3-152-mo1 Additional Qualification outside Natural Sciences 3 3 B/NB 53 07-SQF-ZQA3-152-mo1 Additional Qualification outside Natu	Winter Term 2022			'	
07-LIG-M2-202-mon1 Methods and tools for Nature- and Environmental Education 2 3 B/NB 28 07-SQS-QNE-201-mon1 Science experiments 5 B/NB 18 07-SQF-OSB-152-mon1 Organisation and Safety in Biosciences 5 NUM 35 07-LLG-P1-202-mon1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 3 B/NB 29 07-SQF-UBG-152-mon1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 3 B/NB 30 07-SQF-UBG-152-mon1 Environmental Education in the Botanic Garden of Würzburg University 2 B/NB 47 07-SQF-WIP-152-mon1 Publishing Scientific Data 3 NUM 48 07-SQF-WIP-152-mon1 Publishing Scientific Data 3 NUM 48 07-SQF-ZQA-152-mon1 Additional Qualification outside Natural Sciences 2 2 B/NB 59 07-SQF-ZQA-152-mon2 Additional Qualification outside Natural Sciences 2 2 B/NB 50 07-SQF-ZQA-152-mon3 Additional Qualification in Natural Sciences 5 5 B/NB 53	07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15
07-ASQ-NIE-201-mo1 Science experiments 5 B/NB 18 07-SQF-OSB-152-mo1 Organisation and Safety in Biosciences 5 NUM 35 07-LLG-P1-202-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 3 B/NB 29 07-LLG-P2-202-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 3 B/NB 30 07-SQF-UBG-152-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 2 B/NB 30 07-SQF-UBG-152-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 2 B/NB 30 07-SQF-UBG-152-mo1 Publishing Scientific Data 3 NUM 48 07-SQF-WEE-181-mo1 Writing Effectively in English - MINIT/STEM and Medical Faculties 5 B/NB 24 07-SQF-ZQAS-152-mo1 Additional Qualification outside Natural Sciences 2 2 B/NB 50 07-SQF-ZQAS-152-mo1 Additional Qualification outside Natural Sciences 4 4 B/NB 52 07-SQF-ZQNS-152-mo1 Additional Qualification in Natural Sciences 5	07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-SQF-OSB-152-m01 Organisation and Safety in Biosciences 5 NUM 35 07-LLG-P1-202-m01 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 3 B/NB 29 07-LLG-P2-202-m01 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 3 B/NB 30 07-SQF-UBG-152-m01 Environmental Education in the Botanic Garden of Würzburg University 2 B/NB 47 07-SQF-WIP-152-m01 Publishing Scientific Data 3 NUM 48 07-SQF-WIP-152-m01 Publishing Scientific Data 3 NUM 48 07-SQF-ZQAS-152-m01 Additional Qualification outside Natural Sciences 2 2 B/NB 50 07-SQF-ZQAS-152-m01 Additional Qualification outside Natural Sciences 3 3 B/NB 51 07-SQF-ZQAS-152-m01 Additional Qualification outside Natural Sciences 4 4 B/NB 52 07-SQF-ZQAS-152-m01 Additional Qualification outside Natural Sciences 4 4 B/NB 53 07-SQF-ZQNS-152-m01 Additional Qualification in Natural Sciences 5 5 B/NB 55 </td <td>07-LLG-M2-202-m01</td> <td>Methods and tools for Nature- and Environmental Education 2</td> <td>3</td> <td>B/NB</td> <td>28</td>	07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-LLG-Pt-202-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 3 B/NB 29 07-LLG-Pt-202-mo1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 3 B/NB 30 07-SQF-UBG-152-mo1 Environmental Education in the Botanic Garden of Würzburg University 2 B/NB 47 07-SQF-WIP-152-mo1 Publishing Scientific Data 3 NUM 48 07-SQF-WIP-152-mo1 Additional Qualification outside Natural Sciences 2 2 B/NB 24 07-SQF-ZQA3-152-mo1 Additional Qualification outside Natural Sciences 2 2 B/NB 50 07-SQF-ZQA3-152-mo1 Additional Qualification outside Natural Sciences 3 3 B/NB 50 07-SQF-ZQA5-152-mo1 Additional Qualification outside Natural Sciences 4 4 B/NB 52 07-SQF-ZQA5-152-mo1 Additional Qualification in Natural Sciences 5 5 B/NB 53 07-SQF-ZQN3-152-mo1 Additional Qualification in Natural Sciences 6 5 NUM 54 07-SQF-ZQN3-152-mo1 Additional Qualification in Natural Sciences 5 5	07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18
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O7-SQF-ZQN4-152-mo1Additional Qualification in Natural Sciences 44B/NB57O7-SQF-ZQN5-152-mo1Additional Qualification in Natural Sciences 55B/NB58O7-SQF-ZQN6-152-mo1Additional Qualification in Natural Sciences 65NUM59Summer Term 2023O7-2A2GENV-152-mo1Genetics, Neurobiology, Behaviour5NUM14O7-ASQ-eBio-152-mo1How to excel in the Bioscience5B/NB15O7-ASQ-GTB-182-mo1Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)3B/NB16O7-ASQ-NIF-201-mo1Experience nature outdoors5B/NB19O7-ASQ-VAC-201-mo1Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB20O7-ASQ-VOC-201-mo1Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB21O7-ASQ-VST-201-mo1Orientation/Review of Organic Chemistry for students in Biology and MINT studyprograms5B/NB22O7-ASQ-VST-201-mo1Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB23O7-ASQ-WEE-181-mo1Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB24O7-GBio-212-mo1Basic Human Biology I - GY6NUM26O7-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
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O7-2A2GENV-152-mo1Genetics, Neurobiology, Behaviour5NUM14O7-ASQ-eBio-152-mo1How to excel in the Bioscience5B/NB15O7-ASQ-GTB-182-mo1Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)3B/NB16O7-ASQ-NIF-201-mo1Experience nature outdoors5B/NB19O7-ASQ-VAC-201-mo1Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB20O7-ASQ-VM-201-mo1Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB21O7-ASQ-VOC-201-mo1Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB22O7-ASQ-VST-201-mo1Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB23O7-ASQ-WEE-181-mo1Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB24O7-GBio-212-mo1Basics in Biology5NUM25O7-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM26O7-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6		NUM	59
O7-ASQ-eBio-152-mo1How to excel in the Bioscience5B/NB15O7-ASQ-GTB-182-mo1Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)3B/NB16O7-ASQ-NIF-201-mo1Experience nature outdoors5B/NB19O7-ASQ-VAC-201-mo1Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB20O7-ASQ-VM-201-mo1Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB21O7-ASQ-VOC-201-mo1Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB22O7-ASQ-VST-201-mo1Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB23O7-ASQ-WEE-181-mo1Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB24O7-GBio-212-mo1Basics in Biology5NUM25O7-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM26O7-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	Summer Term 2023				
07-ASQ-GTB-182-mo1Basics and Trends in the Biotechnologies / Biosciences (not für students of Bioscientific curricula)3B/NB1607-ASQ-NIF-201-mo1Experience nature outdoors5B/NB1907-ASQ-VAC-201-mo1Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB2007-ASQ-VM-201-mo1Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB2107-ASQ-VOC-201-mo1Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB2207-ASQ-VST-201-mo1Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-mo1Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-mo1Basics in Biology5NUM2507-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM2607-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	07-2A2GENV-152-m01	Genetics, Neurobiology, Behaviour	5	NUM	14
07-ASQ-GIB-182-mo1für students of Bioscientific curricula)3B/NB1607-ASQ-NIF-201-mo1Experience nature outdoors5B/NB1907-ASQ-VAC-201-mo1Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB2007-ASQ-VM-201-mo1Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB2107-ASQ-VOC-201-mo1Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB2207-ASQ-VST-201-mo1Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-mo1Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-mo1Basics in Biology5NUM2507-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM2607-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	o7-ASQ-eBio-152-mo1	How to excel in the Bioscience	5	B/NB	15
o7-ASQ-VAC-201-m01Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms5B/NB20o7-ASQ-VM-201-m01Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB21o7-ASQ-VOC-201-m01Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB22o7-ASQ-VST-201-m01Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB23o7-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB24o7-GBio-212-m01Basics in Biology5NUM25o7-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM26o7-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-GTB-182-m01	_	3	B/NB	16
07-ASQ-VAC-201-m01logy and MINT studyprograms5B/NB2007-ASQ-VM-201-m01Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB2107-ASQ-VOC-201-m01Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB2207-ASQ-VST-201-m01Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-m01Basics in Biology5NUM2507-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM2607-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-NIF-201-m01	Experience nature outdoors	5	B/NB	19
07-ASQ-VM-201-m01Orientation/Review of Mathematics for students in Biology and MINT studyprograms5B/NB2107-ASQ-VOC-201-m01Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB2207-ASQ-VST-201-m01Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-m01Basics in Biology5NUM2507-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM2607-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-VAC-201-m01		5	B/NB	20
07-ASQ-VOC-201-m01Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms5B/NB2207-ASQ-VST-201-m01Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-m01Basics in Biology5NUM2507-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM2607-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and	5	B/NB	21
07-ASQ-VST-201-m01Orientation/Review of Statistics for students in Biology and MINT studyprograms5B/NB2307-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-m01Basics in Biology5NUM2507-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM2607-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-VOC-201-m01	Orientation/Review of organic Chemistry for students in Biolo-	5	B/NB	22
07-ASQ-WEE-181-m01Writing Effectively in English - MINT/STEM and Medical Faculties5B/NB2407-GBio-212-m01Basics in Biology5NUM2507-LA-HUBIO-1-152-m01Basic Human Biology I - GY6NUM2607-LLG-M1-202-m01Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-VST-201-m01	Orientation/Review of Statistics for students in Biology and	5	B/NB	23
07-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM2607-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Facul-	5	B/NB	24
07-LA-HUBIO-1-152-mo1Basic Human Biology I - GY6NUM2607-LLG-M1-202-mo1Methods and tools for Nature- and Environmental Education 13B/NB27	07-GBio-212-m01	Basics in Biology	5	NUM	25
07-LLG-M1-202-m01 Methods and tools for Nature- and Environmental Education 1 3 B/NB 27				NUM	
			3		27
	07-LLG-M2-202-m01		3	B/NB	



07-LLG-P1-202-m01	3	B/NB	29	
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	3	B/NB	30
07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies	5	NUM	31
07-SQF-FUNGI-182-m01	o7-SQF-FUNGI-182-mo1 Fungi: One kingdom, many faces			
07-SQF-KEB-152-m01	Career Perspectives Personal Competence and Communicati-		NUM	33
07-SQF-PRO3-182-m01	Computer languages and programming 3	3	B/NB	37
07-SQF-PR05-182-m01	Computer languages and programming 5	5	B/NB	39
07-SQF-RETH-211-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	42
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53
07-SQF-ZQA6-152-m01			NUM	54
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
07-SQF-ZQN3-152-m01			B/NB	56
07-SQF-ZQN4-152-m01			B/NB	57
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	<u>4</u> 5	B/NB	58
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59
Winter Term 2023	,			
o7-ASQ-eBio-152-mo1	How to excel in the Bioscience	5	B/NB	15
07-GBio-212-m01	Basics in Biology	5	NUM	25
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18
07-SQF-0SB-152-m01	Organisation and Safety in Biosciences	5	NUM	35
07-LLG-P1-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	3	B/NB	29
07-LLG-P2-202-m01	Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	3	B/NB	30
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Faculties	5	B/NB	24
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53



07-SQF-ZQA6-152-m01	QF-ZQA6-152-mo1 Additional Qualification outside Natural Sciences 6		NUM	54				
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55				
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56				
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57				
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58				
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59				
Summer Term 2024								
o7-ASQ-eBio-152-mo1	How to excel in the Bioscience	5	B/NB	15				
07-2A2GENV-152-m01	IV-152-mo1 Genetics, Neurobiology, Behaviour		NUM	14				
07-GBio-212-m01	Basics in Biology	5	NUM	25				
<u>·</u>	Basics and Trends in the Biotechnologies / Biosciences (not							
07-ASQ-GTB-182-m01	für students of Bioscientific curricula)	3	B/NB	16				
07-LA-HUBIO-1-152-m01	Basic Human Biology I - GY	6	NUM	26				
	Career Perspectives, Personal Competence and Communicati-							
07-SQF-KEB-152-m01	on Skills	5	NUM	33				
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27				
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28				
07-ASQ-NIF-201-m01	Experience nature outdoors		B/NB	19				
07-SQF-FUNGI-182-m01	Fungi: One kingdom, many faces	5	NUM	32				
07-3Q1-10N01-102-11101	Practical Experience in transfer of knowledge obtained in the	5	INOM	32				
07-LLG-P1-202-m01	Teaching-Learning-Garden 1	3	B/NB	29				
	Practical Experience in transfer of knowledge obtained in the		B/NB B/NB	-				
07-LLG-P2-202-m01	Teaching-Learning-Garden 2	3		30				
07 COE DDO2 482 mo4				27				
07-SQF-PR03-182-m01	Computer languages and programming 3	3		37				
07-SQF-PRO5-182-m01	Computer languages and programming 5	5	B/NB	39				
07-SQF-RETH-211-m01	Legal and Ethical Aspects in Biological Sciences	5	NUM	42				
07-SQF-STAT3-182-m01	Statistics 3	3	B/NB	43				
07-SQF-STAT5-182-m01	Statistics 5	5	B/NB	45				
07-SQF-BUFLY-182-m01	Taxonomy and Biology of Butterflies	5	NUM	31				
07-SQF-UBG-152-m01	Environmental Education in the Botanic Garden of Würzburg University	2	B/NB	47				
	Orientation/Review of inorganic Chemistry for students in Bio-							
07-ASQ-VAC-201-m01	logy and MINT studyprograms	5	B/NB	20				
	Orientation/Review of Statistics for students in Biology and			-				
07-ASQ-VST-201-m01	MINT studyprograms	5	B/NB	23				
				1				
	11 1							
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and	5	B/NB	21				
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms	5	B/NB	21				
07-ASQ-VM-201-m01 07-ASQ-VOC-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biolo-	5	B/NB B/NB	21				
07-ASQ-VOC-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms	5	B/NB	22				
	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms Publishing Scientific Data							
07-ASQ-VOC-201-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms	5	B/NB	22				
07-ASQ-VOC-201-m01 07-SQF-WIP-152-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms Publishing Scientific Data Writing Effectively in English - MINT/STEM and Medical Facul-	5	B/NB NUM	22 48				
07-ASQ-VOC-201-m01 07-SQF-WIP-152-m01 07-ASQ-WEE-181-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms Publishing Scientific Data Writing Effectively in English - MINT/STEM and Medical Faculties	5 3 5	B/NB NUM B/NB	22 48 24				
07-ASQ-VOC-201-m01 07-SQF-WIP-152-m01 07-ASQ-WEE-181-m01 07-SQF-ZQA2-152-m01	Orientation/Review of Mathematics for students in Biology and MINT studyprograms Orientation/Review of organic Chemistry for students in Biology and MINT studyprograms Publishing Scientific Data Writing Effectively in English - MINT/STEM and Medical Faculties Additional Qualification outside Natural Sciences 2	5 3 5 2	B/NB NUM B/NB B/NB	22 48 24 50				



07-SQF-ZQA6-152-m01 Additional Qualification outside Natural Sciences 6		5	NUM	54
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58
07-SQF-ZQN6-152-m01	7-SQF-ZQN6-152-mo1 Additional Qualification in Natural Sciences 6			
Winter Term 2024		5		59
07-ASQ-eBio-152-m01	How to excel in the Bioscience	5	B/NB	15
07-GBio-212-m01	Basics in Biology	5	NUM	25
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-ASQ-NIE-201-m01	Science experiments	5	B/NB	18
07-SQF-OSB-152-m01	Organisation and Safety in Biosciences	5	NUM	35
	Practical Experience in transfer of knowledge obtained in the			33
07-LLG-P1-202-m01	Teaching-Learning-Garden 1	3	B/NB	29
	Practical Experience in transfer of knowledge obtained in the			
07-LLG-P2-202-m01	Teaching-Learning-Garden 2	3	B/NB	30
	Environmental Education in the Botanic Garden of Würzburg			
07-SQF-UBG-152-m01	University	2	B/NB	47
07-SQF-WIP-152-m01	Publishing Scientific Data	3	NUM	48
	Writing Effectively in English - MINT/STEM and Medical Facul-			
07-ASQ-WEE-181-m01	ties	5	B/NB	24
Summer Term 2025				
o7-ASQ-eBio-152-mo1	How to excel in the Bioscience	5	B/NB	15
07-2A2GENV-152-m01	Genetics, Neurobiology, Behaviour	5	NUM	14
07-GBio-212-m01	Basics in Biology	5	NUM	25
<u> </u>	Basics and Trends in the Biotechnologies / Biosciences (not			
07-ASQ-GTB-182-m01	für students of Bioscientific curricula)	3	B/NB	16
07-LA-HUBIO-1-152-m01	Basic Human Biology I - GY	6	NUM	26
<u> </u>	Career Perspectives, Personal Competence and Communicati-			
07-SQF-KEB-152-m01	on Skills	5	NUM	33
07-LLG-M1-202-m01	Methods and tools for Nature- and Environmental Education 1	3	B/NB	27
07-LLG-M2-202-m01	Methods and tools for Nature- and Environmental Education 2	3	B/NB	28
07-LLG-M2-202-m01 07-ASQ-NIF-201-m01		3		-
07-ASQ-NIF-201-m01	Experience nature outdoors	5	B/NB	19
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01	Experience nature outdoors Fungi: One kingdom, many faces		B/NB NUM	-
07-ASQ-NIF-201-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the	5	B/NB	19
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	5 5	B/NB NUM B/NB	19 32
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the	5 5	B/NB NUM	19 32
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1	5 5 3 3	B/NB NUM B/NB	19 32 29 30
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01 07-LLG-P2-202-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2	5 5 3	B/NB NUM B/NB B/NB	19 32 29 30 37
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01 07-LLG-P2-202-m01 07-SQF-PR03-182-m01 07-SQF-PR05-182-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 Computer languages and programming 3 Computer languages and programming 5	5 5 3 3 3 5	B/NB NUM B/NB B/NB B/NB B/NB	19 32 29 30 37 39
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01 07-LLG-P2-202-m01 07-SQF-PR03-182-m01 07-SQF-PR05-182-m01 07-SQF-RETH-211-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 Computer languages and programming 3 Computer languages and programming 5 Legal and Ethical Aspects in Biological Sciences	5 5 3 3 3 5 5	B/NB NUM B/NB B/NB B/NB B/NB NUM	19 32 29 30 37 39 42
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01 07-LLG-P2-202-m01 07-SQF-PR03-182-m01 07-SQF-PR05-182-m01 07-SQF-RETH-211-m01 07-SQF-STAT3-182-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 Computer languages and programming 3 Computer languages and programming 5 Legal and Ethical Aspects in Biological Sciences Statistics 3	5 5 3 3 3 5 5 3	B/NB NUM B/NB B/NB B/NB B/NB NUM B/NB	19 32 29 30 37 39 42 43
07-ASQ-NIF-201-m01 07-SQF-FUNGI-182-m01 07-LLG-P1-202-m01 07-LLG-P2-202-m01 07-SQF-PR03-182-m01 07-SQF-PR05-182-m01 07-SQF-RETH-211-m01	Experience nature outdoors Fungi: One kingdom, many faces Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 1 Practical Experience in transfer of knowledge obtained in the Teaching-Learning-Garden 2 Computer languages and programming 3 Computer languages and programming 5 Legal and Ethical Aspects in Biological Sciences	5 5 3 3 3 5 5	B/NB NUM B/NB B/NB B/NB B/NB NUM	19 32 29 30 37 39 42



07-ASQ-VAC-201-m01	Orientation/Review of inorganic Chemistry for students in Biology and MINT studyprograms		B/NB	20
0= ACO VCT 004 mo4	Orientation/Review of Statistics for students in Biology and		D/ND	
07-ASQ-VST-201-m01	MINT studyprograms	5	B/NB	23
07-ASQ-VM-201-m01	Orientation/Review of Mathematics for students in Biology and	-	B/NB	21
07-A3Q-VM-201-11101	MINT studyprograms	5	D/ ND	21
07-ASQ-VOC-201-m01	Orientation/Review of organic Chemistry for students in Biolo-	-	B/NB	22
07-A3Q-V0C-201-11101	gy and MINT studyprograms	5	D/ND	22
07-SQF-WIP-152-m01	07-SQF-WIP-152-m01 Publishing Scientific Data		NUM	48
07-ASQ-WEE-181-m01	Writing Effectively in English - MINT/STEM and Medical Facul-	F	B/NB	24
0/-A3Q-WLL-101-11101	ties	5		-4
07-SQF-ZQA2-152-m01	Additional Qualification outside Natural Sciences 2	2	B/NB	50
07-SQF-ZQA3-152-m01	Additional Qualification outside Natural Sciences 3	3	B/NB	51
07-SQF-ZQA4-152-m01	Additional Qualification outside Natural Sciences 4	4	B/NB	52
07-SQF-ZQA5-152-m01	Additional Qualification outside Natural Sciences 5	5	B/NB	53
07-SQF-ZQA6-152-m01	Additional Qualification outside Natural Sciences 6	5	NUM	54
07-SQF-ZQN2-152-m01	Additional Qualification in Natural Sciences 2	2	B/NB	55
07-SQF-ZQN3-152-m01	Additional Qualification in Natural Sciences 3	3	B/NB	56
07-SQF-ZQN4-152-m01	Additional Qualification in Natural Sciences 4	4	B/NB	57
07-SQF-ZQN5-152-m01	Additional Qualification in Natural Sciences 5	5	B/NB	58
07-SQF-ZQN6-152-m01	Additional Qualification in Natural Sciences 6	5	NUM	59



Modul	e title				Abbreviation	
Geneti	ics, Neu	ırobiology, Behaviour			07-2A2GENV-152-m01	
Modul	e coord	linator		Module offered by		
		es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	, ,		
5	nume	rical grade				
Duratio	Duration Module level Other prerequisites					
1 seme	ester	undergraduate	(minimum 80%) and	Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.		
Conter	nts		•			
Funda	mental	principles of genetics, ne	eurobiology and beha	vioural biology.		
Intend	led lear	ning outcomes				
volved heritar	l in anir nce.	nal behaviour and will be	e able to relate anima	l behaviour to the mo	al mechanisms and processes in- olecular and formal bases of in-	
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	ın)	
V (3)						
		sessment (type, scope, la ion on whether module c			tion offered — if not every seme-	
	n exami able for	nation (approx. 60 to 90 bonus	minutes)			
Alloca	tion of	places				
			_			
Additio	onal inf	ormation	_			
Worklo	oad					
150 h						
Teachi	ing cycl	e				
Referre	ed to in	LPO I (examination regu	ulations for teaching-	degree programmes)		
§ 61 l N	Referred to in LPO I (examination regulations for teaching-degree programmes) § 61 Nr. 2 (2 ECTS credits) § 61 Nr. 3 (1 ECTS credits) § 61 Nr. 4 (1 ECTS credits)					



Module title Abbreviation					Abbreviation	
How to excel in the Bioscience			07-ASQ-eBio-152-m01			
Module	Module coordinator Module offered by			Module offered by		
Dean o	Dean of Studies Biologie (Biology)		Faculty of Biology			
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)		
5	(not)	successfully completed				
Duratio	Duration Module level		Other prerequisites			
1 semester undergraduate						
Conten	Contents					

Series of workshops on a variety of topics in the area of transferable skills: What does it take to succeed at university? What skills (both subject-specific and transferable) do you need to be successful in a STEM career once you have completed your BSc/MSc degree: ability to define and achieve goals (good self and time management); How do you develop a research question/hypothesis, how do you structure a coherent analysis? How do you integrate your own findings into a bigger picture? Concrete transferable skills that will help you launch a successful career: a team player with leadership skills needs assertiveness, negotiation and conflict management skills and the ability to structure workflows. The importance of writing/English writing skills in science: an English writing lab will provide you with an opportunity to enhance your writing skills. Most of the workshops will be taught by Ms Rapp-Galmiche and qualified student tutors, but we might also invite external experts to deliver talks.

Intended learning outcomes

Students have acquired skills that will help them succeed at university and decide what career to pursue: They are able to define goals, know what interdisciplinary skills they need for a successful career in the biosciences and are familiar with techniques that will help them develop these skills. Students are able to describe projects, research findings and scientific issues in English in a clear and convincing style.

Courses (type, number of weekly contact hours, language — if other than German)

V (2)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

a) presentation (approx. 30 minutes) or

b) portfolio (approx. 20 pages)

Language of assessment: German and/or English

Allocation of places

max. 20 places (lottery)

Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module	Module title				Abbreviation
Basics	Basics and Trends in the Biotechnologies / Biosciences (not für stud				07-ASQ-GTB-182-m01
Bioscientific curricula)					
Modul	e coord	linator		Module offered by	
holder	of the	Chair of Biotechnology		Faculty of Biology	
ECTS	Meth	od of grading	Only after succ. compl. of module(s)		
3	(not)	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	undergraduate			
Conten	nts				
This module (lecture and seminar) will provide students with an overview of instrument-based methods in biotechnology and biomedicine and the underlying physical principles. It will discuss modern methods for the analysis of biological matter on the molecular and cellular level. These methods include light microscopy, fluorescence spectroscopy, electron microscopy, atomic force microscopy, flow cytometry and microfluidics.					
Intended learning outcomes					

Students will gain an overview of key methods in biotechnology and their respective advantages and disadvantages. They will learn to decide what method is most suitable for addressing a particular issue.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

presentation (20 to 30 minutes)

Language of assessment: German and/or English

Allocation of places

min. 5, max. 20 places (lot)

Additional information

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Workload

90 h

Teaching cycle

Teaching cycle: every year, summer semester

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title				Abbreviation		
Nature	Conservation Biology			07-ASQ-NCB-201-m01		
Module	e coordinator		Module offered by			
			Faculty of Biology			
ECTS	Method of grading	Only after succ. con	npl. of module(s)			
5	(not) successfully completed					
Duratio	on Module level	Other prerequisites				
1 seme	ster					
Conten	ts					
Intend	ed learning outcomes					
Course	s (type, number of weekly conta	act hours, language –	- if other than Germa	nn)		
V (1) +	Ü (2)					
Module	e taught in: German and/or Engl	ish				
	d of assessment (type, scope, la formation on whether module c			ation offered — if not every seme-		
	tation (approx. 30 minutes) age of assessment: German and	/or English				
Allocat	ion of places					
max. 2	o places (Lottery)					
Additio	onal information					
Workload						
150 h						
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
	Keleffed to III LFO I (examination regulations for teaching-degree programmes)					



Module title Abbreviation					Abbreviation
Science experiments					07-ASQ-NIE-201-m01
Module	coord	inator		Module offered by	
				Faculty of Biology	
ECTS		od of grading	Only after succ. con	npl. of module(s)	
5	(not)	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster				
Conten	ts				
Intende	ed learı	ning outcomes			
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	an)
Ü (3)					
		sessment (type, scope, la on on whether module ca			ation offered — if not every seme-
		rox. 15 pages) ffered: Once a year, wint	er term		
Allocat	ion of p	olaces			
min. 5,	max. 2	o places (Lottery)			
Additio	nal inf	ormation			
Worklo	ad				
150 h					
Teaching cycle					
Teaching cycle: every year, winter semester					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Referred to III at 01 (Chammation regulations for teaching degree programmes)					



Method of grading Only after succ. com (not) successfully completed	07-ASQ-NIF-201-m01 Module offered by Faculty of Biology				
Method of grading Only after succ. com (not) successfully completed					
Method of grading (not) successfully completed	Faculty of Riology				
(not) successfully completed	raculty of blology				
	pl. of module(s)				
tion Module level Other was a suit it as					
tion Module level Other prerequisites					
nester					
ents					
ded learning outcomes					
ses (type, number of weekly contact hours, language —	if other than German)				
od of assessment (type, scope, language — if other tha information on whether module can be chosen to earn a					
olio (approx. 15 pages) ssment offered: Once a year, summer term					
ation of places					
5, max. 20 places (Lottery)					
tional information					
150 h					
Teaching cycle					
Teaching cycle: every year, summer semester					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Referred to III at 01 (Chammation regulations for teaching degree programmes)					



Module	Module title Abbreviation						
Orienta	tion/R	eview of inorganic Chem	Biology and MINT	07-ASQ-VAC-201-m01			
• •	tudyprograms						
Module	coord	inator		Module offered by			
				Faculty of Biology			
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)			
5	(not)	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster						
Conten	ts						
Intende	ed lear	ning outcomes					
Course	s (type	, number of weekly conta	ct hours, language –	· if other than Germa	n)		
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
150 h							
Teachi	ng cycl	e					
Teaching cycle: every year, winter semester							
Referre	d to in	LPO I (examination regu	lations for teaching-o	degree programmes)			



Module	Module title Abbreviation						
Orienta	tion/R	eview of Mathematics fo	and MINT study-	07-ASQ-VM-201-m01			
-	programs						
Module	coord	inator		Module offered by			
				Faculty of Biology			
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)			
5	(not)	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster						
Conten	ts						
Intende	ed lear	ning outcomes					
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	n)		
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
150 h							
Teachi	ng cycl	e					
Teachir	Teaching cycle: every year, winter semester						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						



Module	e title	,			Abbreviation			
Orienta	Orientation/Review of organic Chemistry for students in Biology and MINT stu-							
dyprog	dyprograms							
Module	e coord	inator	Module offered by					
				Faculty of Biology				
ECTS	1	od of grading	Only after succ. com	pl. of module(s)				
5	(not)	successfully completed						
Duratio	on	Module level	Other prerequisites					
1 seme	ster							
Conten	ts		,					
Intende	ed learı	ning outcomes						
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)			
Ü (2)								
		sessment (type, scope, la on on whether module c	-		tion offered — if not every seme-			
		rox. 20 hours total)						
		ffered: Once a year, sum	mer term 					
Allocat								
		s (Lottery)						
Additio	nal inf	ormation						
								
Workload								
150 h								
Teachi	Teaching cycle							
Teaching cycle: every year, summer semester								
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)							



grams	tion/Review of Statistics for st	tudents in Pielegy and M				
		luueniis in biology anu iv	MINT studypro-	07-ASQ-VST-201-m01		
Madula						
module	coordinator	M	odule offered by			
<u></u>		Fa	aculty of Biology			
	Method of grading	Only after succ. compl	. of module(s)			
5	(not) successfully completed					
Duration		Other prerequisites				
1 semes	ster					
Content	:S					
Intende	d learning outcomes					
Courses	(type, number of weekly cont	act hours, language — if	other than Germa	n)		
Ü (2)						
	of assessment (type, scope, la ormation on whether module o			tion offered — if not every seme-		
portfolio	o (approx. 20 hours total)	_				
Allocati	on of places					
max. 20	places (Lottery)					
Addition	nal information					
Workloa	Workload					
150 h						
Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					



Modul	e title				Abbreviation
Writing Effectively in English - MINT/STEM and Medical Faculties				ulties	07-ASQ-WEE-181-m01
Modul	e coord	linator		Module offered by	,
Dean c	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	Meth	od of grading	Only after succ. com	pl. of module(s)	
5	(not)	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conter	its				
topics.		_	nt by trained tutors. Ex	kternal lecturers ma	y be invited to speak on specific
Intended learning outcomes Scientific writing skills in English. Students are able to communicate project descriptions as well as lab results and hypotheses effectively and convincingly in English. Students can create an outline and are aware of common ESL (English as a second language) mistakes. Students have learned how to handle general writing problems, such as writer's block.					
Courses (type, number of weekly contact hours, language — if other than German)					
S (2) Module taught in: German and/or English					
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)					
Metho					ation offered — if not every seme-

a) presentation (approx. 30 minutes) or

b) portfolio (approx. 20 pages)

Language of assessment: German and/or English

Allocation of places

max. 15 places (lottery)

Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Modul	e title				Abbreviation
Basics	in Biol	ogy			07-GBi0-212-m01
Modul	Module coordinator			Module offered by	
Ricard	a Schei	ner		Faculty of Biology	
ECTS	Meth	od of grading	Only after succ. com	ıpl. of module(s)	
5	nume	rical grade			
Duration	on	Module level	Other prerequisites		
1 seme	ester	undergraduate			
Conter	ıts				
Introdu	uction i	nto basic aspects in biolo	ogy		
Intend	ed lear	ning outcomes			
biolog	ical exa				rules and can recognize them in
V (4)					
		sessment (type, scope, la ion on whether module ca			ition offered — if not every seme-
written	exami	nation (approx. 60 minut	es)		
Allocat	tion of	places			
Additional information					
Workload					
150 h					
Teaching cycle					
Teaching cycle: every semester					
Referre	ed to in	LPO I (examination regu	lations for teaching-o	legree programmes)	
,					



Basic Human Biology I - GY		-	Ĭ		
			07-LA-HUBIO-1-152-m01		
Module coordinator		Module offered by			
Dean of Studies Biologie (Biology)		Faculty of Biology			
ECTS Method of grading	Only after succ. con				
numerical grade		,			
Ouration Module level	Other prerequisites				
semester undergraduate					
Contents					
 human genetics (genetic diseas) human physiology (human sens) human developmental physiolostory of modern humans). ntended learning outcomes	ory physiology, nutrit				
Familiarity with the fundamental	I principles of human	gonotics			
Courses (type, number of weekly conta	- '	<u>-</u>			
/ (3)	- Tours, language	ii other than derma	arry .		
Method of assessment (type, scope, laster, information on whether module c			ntion offered — if not every seme-		
written examination (approx. 60 to 90 creditable for bonus	minutes)				
Allocation of places					
Additional information					
Workload					
180 h					
Teaching cycle					

Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 61 l Nr. 5



Module	Module title				Abbreviation
Methods and tools for Nature- and Environmental Education 1				n 1	07-LLG-M1-202-m01
Module coordinator				Module offered by	
head o	f group	Didactics of Biology		Botanical Garden	
ECTS	Meth	od of grading	Only after succ. compl. of module(s)		
3	(not)	successfully completed			
Duratio	Duration Module level		Other prerequisites		
1 seme	1 semester undergraduate				
Conten	Contents				

Chalk and talk teaching, carousel activities, unguided experimentation. There are many ways to communicate knowledge to groups of pupils. Out-of-classroom learning has been gaining in importance. In interdisciplinary contexts, it is particularly important to draw attention to the fact that looking at a topic from a "different" point of view may facilitate learning. This course will provide students with a practical introduction to knowledge-based and experience-based learning methods. Some of these methods will be adapted to be appropriate for specific topics and will be implemented with groups of pupils. This course will present students with an opportunity to find out what methods they feel comfortable with and whether students like or dislike the respective methods.

Intended learning outcomes

Students are familiar with practical methods for teaching groups in an effective and lively way.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) presentation (20 to 30 minutes) or
- b) term paper (7 to 10 pages)

Allocation of places

max. 12 places.

Places will be allocated primarily according to the number of subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot; A waiting list will be maintained and places reallocated as they become available.

Additional information

Workload

90 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation		
Methods and tools for Nature- and Environmental Education 2				n 2	07-LLG-M2-202-m01		
Module	e coord	inator		Module offered by			
head o	head of group Didactics of Biology			Botanical Garden			
ECTS	Method of grading Only after succ.			npl. of module(s)			
3	(not)	not) successfully completed					
Duratio	on	Module level	Other prerequisites	Other prerequisites			
1 seme	ster	undergraduate					
Conten	Contents						

Chalk and talk teaching, carousel activities, unguided experimentation. There are many ways to communicate knowledge to groups of pupils. Out-of-classroom learning has been gaining in importance. In interdisciplinary contexts, it is particularly important to draw attention to the fact that looking at a topic from a "different" point of view may facilitate learning. This course will provide students with a practical introduction to knowledge-based and experience-based learning methods. Some of these methods will be adapted to be appropriate for specific topics and will be implemented with groups of pupils. This course will present students with an opportunity to find out what methods they feel comfortable with and whether students like or dislike the respective methods.

Intended learning outcomes

Students are familiar with practical methods for teaching groups in an effective and lively way.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) presentation (20 to 30 minutes) or
- b) term paper (7 to 10 pages)

Allocation of places

max. 12 places.

Places will be allocated primarily according to the number of subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places reallocated as they become available.

Additional information

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Workload

90 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation		
Practical Experience in transfer of knowledge obtained in the Teaching-Lear-					07-LLG-P1-202-m01		
ning-G	arden 1	1					
Module coordinator Module offer				Module offered by			
head of group Didactics of Biology				Botanical Garden			
ECTS	CTS Method of grading Only after s			pl. of module(s)			
3	(not)	successfully completed					
Duration Module level			Other prerequisites				
1 seme	1 semester undergraduate						
Contor	Contents						

This course will provide students with an opportunity to take on the role of teacher and work with real groups of pupils. Particular emphasis will be placed on the presentation of topics; in many cases the presentation will be accompanied by a demonstration to illustrate the topics. Students will either teach existing topics they adapted to fit the needs of their target groups or will develop new topics.

Intended learning outcomes

Students are able to teach groups, communicating in practice what they have learned in theory.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) presentation (20 to 30 minutes) or
- b) term paper (7 to 10 pages)

Allocation of places

max. 12 places.

Places will be allocated primarily according to the number of subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places reallocated as they become available.

Additional information

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Workload

90 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Practical Experience in transfer of knowledge obtained in the Teaching-Lear-					07-LLG-P2-202-m01	
ning-G	arden 2	2			,	
Modul	e coord	inator		Module offered by		
head o	head of group Didactics of Biology			Botanical Garden		
ECTS Method of grading Only after su			Only after succ. com	ipl. of module(s)		
3	(not) successfully completed					
Duration Module level			Other prerequisites	quisites		
1 seme	ster	undergraduate				

This course will provide students with an opportunity to take on the role of teacher and work with real groups of pupils. Particular emphasis will be placed on the presentation of topics; in many cases the presentation will be accompanied by a demonstration to illustrate the topics. Students will either teach existing topics they adapted to fit the needs of their target groups or will develop new topics.

Intended learning outcomes

Students are able to teach groups, communicating in practice what they have learned in theory.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) presentation (20 to 30 minutes) or
- b) term paper (7 to 10 pages)

Allocation of places

max. 12 places.

Places will be allocated primarily according to the number of subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places reallocated as they become available.

Additional information

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Workload

90 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation		
Taxonomy and Biology of Butterflies					07-SQF-BUFLY-182-m01		
Module	coord	inator		Module offe	Module offered by		
degree	progra	mme coordinator Biolo	gie (Biology)	Faculty of B	Faculty of Biology		
ECTS	Method of grading Only after succ. compl. of module(s)			e(s)			
5	nume	rical grade					
Duratio	n	Module level	Other prerequi	sites			
1 semester undergraduate							
Contents							
Taxonomy of butterflies and moth. Preparation of butterflies. Ecology and relevance. Developmental biology and developmental strategies of butterflies. Field excursions. Development of wingcolors. Species determination of moth using light traps. Exotic butterflies.							

Intended learning outcomes

Students are able to recognize butterfly families and species and are able to estimate the relevance of butterflies as bioindicators.

 $\textbf{Courses} \ (\textbf{type}, \textbf{number of weekly contact hours, language} - \textbf{if other than German})$

Ü (4)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every year, summer semester

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Fungi: One kingdom, many faces					07-SQF-FUNGI-182-m01	
Modul	e coord	linator		Module offered by		
holder of the Chair of Biotechnology and Biophysics			y and Biophysics	Faculty of Biology	Faculty of Biology	
ECTS	Meth	od of grading	Only after succ.	compl. of module(s)		
5	nume	rical grade				
Duration Module level			Other prerequisi	prerequisites		
1 semester undergraduate						
Conter	Contents					

The course provides a concise overview of fungal systematics, cell biology, fungal genetics, plant pathogenicity, medical mycology, stimulus processing, and fungi in biotechnology. In the seminar current research topics will be presented and discussed. The exercise includes the microscopy of selected fungi / cultivation and preparation of media / day excursion "mushroom" and determination of collected material. The excursion depends on weather conditions.

Intended learning outcomes

The students are able to identify key characteristics of fungi and classify them accordingly. In addition, they possess knowledge on mushroom biology.

Courses (type, number of weekly contact hours, language — if other than German)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

Additional information

Workload

150 h

Teaching cycle

Teaching cycle: every year, summer semester

Referred to in LPO I (examination regulations for teaching-degree programmes)



Modul	e title		Abbreviation			
Career Perspectives, Personal Competence and Communication Skills					07-SQF-KEB-152-m01	
Modul	e coord	inator		Module offered by		
Coordi	Coordinator BioCareers			Faculty of Biology		
ECTS	Metho	Method of grading Only after succ. compl. of r				
5	nume	numerical grade				
Duration Module level O			Other prerequisites	Other prerequisites		
1 seme	1 semester undergraduate					
Control						

This module will provide students with information on potential areas of employment for life scientists and will address the topic of job application and staff selection. It will discuss methods for analysing personality types and will acquaint students with criteria for developing personal and social skills. Building on this, the module will develop fundamental criteria for working in groups and teams. The fundamental principles of a project-oriented approach to work and of communication (incl. rhetoric and body language) will be discussed. Students will also receive advice on how to design and structure talks.

Intended learning outcomes

Students know what it takes to succeed in the job market. They are familiar with current developments in the job market, know how to go job hunting, and are familiar with recruitment practices of employers. Students have developed a fundamental knowledge of personality assessment methods and are familiar with conflict management methods. They are able to work in a team-based environment and have developed a fundamental knowledge of project management methods and approaches. Students have enhanced their teaching skills and are proficient in the theory and practice of communication. They know how to design and structure talks as well as to present data in both oral and written form. Students are aware of what body language may communicate.

Courses (type, number of weekly contact hours, language — if other than German)

V(1) + S(2)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (approx. 30 to 60 minutes) Language of assessment: German and/or English creditable for bonus

Allocation of places

120 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subjects Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components



in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwise by lot.

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, places will be allocated according to the selection process of group 1.

Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation		
Organisation and Safety in Biosciences					07-SQF-OSB-152-m01		
Module coordinator				Module offered by			
Coordi	Coordinator BioCareers			Faculty of Biology			
ECTS	Method of grading Only after succ. cor			mpl. of module(s)			
5	numerical grade			•			
Duration Module level Other prerec			Other prerequisites	<u> </u>			
1 seme	ester	undergraduate					
Canta	Contonts						

Safety procedures in the biosciences, in particular radiation protection, handling of genetically modified organisms, hygiene procedures and hazardous substances, working with lab animals. Fundamental concepts that help ensure an effective and efficient workflow in the biosciences. Structure and organisation of institutions in the bioscience/biotech sector. Process-based project management. HR management in the biosciences, responsibilities of managers/supervisors, appraisal interviews, target agreements, management styles.

Intended learning outcomes

Students have developed a fundamental knowledge of the regulations governing work in the bioscience sector and are familiar with fundamental organisational principles that are relevant for work in research and production. They are also familiar with fundamental principles of process-based project work in the biosciences.

Courses (type, number of weekly contact hours, language — if other than German)

V(1) + S(2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (60 minutes)

Language of assessment: German and/or English

creditable for bonus

Allocation of places

120 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subjects Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking.



Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwise by lot.

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, places will be allocated according to the selection process of group 1.

Additional information -Workload 150 h Teaching cycle -Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Computer languages and programming 3				-	07-SQF-PRO3-182-m01	
Module coordinator				Module offered by		
chairp	erson o	f examination committee	Biologie (Biology)	Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)		
3	(not)	successfully completed				
Duratio	Duration Module level		Other prerequisites			
1 semester undergraduate						
Conter	Contents					

Computer languages and programming using one or more computer languages like Java, C, C++, C#, Python, PHP.

Intended learning outcomes

The participants know the basics about computer languages and programming.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (1)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

10 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking



will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwi-

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, pla-

ces will be allocated according to the selection process of group 1. **Additional information** Workload 90 h Teaching cycle **Referred to in LPO I** (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Computer languages and programming 5					07-SQF-PR05-182-m01	
Module	e coord	inator		Module offered by		
chairpe	erson o	f examination committee	Biologie (Biology)	Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. cor	npl. of module(s)		
5	(not)	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	undergraduate				
Conten	Contents					

Computer languages and programming using one or more computer languages like Java, C, C++, C#, Python, PHP.

Intended learning outcomes

The participants know the basics about computer languages and programming.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (3)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

10 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking



will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwise by lot.

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, places will be allocated according to the selection process of group 1.

Additional information -Workload 150 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



		1302.8		, , , , , , , , ,			
Modul					Abbreviation		
Legal a	and Eth	ical Aspects in Biologic	cal Sciences		07-SQF-RETH-152-m01		
Modul	e coord	linator		Module offered by			
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology			
ECTS	,	od of grading	Only after succ. con	npl. of module(s)			
5	nume	erical grade					
Duratio	on	Module level	Other prerequisites				
1 seme	ester	undergraduate			exercises. Regular attendance of		
			-	•	ful completion of the respective		
			exercises (approx. 2	5 to 30 hours) are p	rerequisites for admission to as-		
			sessment.				
Conten	its						
animal crobiol	testing	g, genetic engineering i edicine and neurogene	n agriculture, biodivers		ch, cloning, transgenic animals, ervation, biotechnology and mi-		
Intend	ed lear	ning outcomes					
ding st sity an	em cel d natui	l research, cloning, tran re conservation, biotech	sgenic animals, anima nnology and microbiolo	l testing, genetic en gy, medicine and ne	niliar with legal aspects surroun- gineering in agriculture, biodiver- eurogenetics and are able to eva- n and critically discuss these to-		
Course	s (type	e, number of weekly con	tact hours, language –	- if other than Germa	an)		
V (1) +	Ü (1)						
		sessment (type, scope, ion on whether module			ation offered — if not every seme-		
Langua	written examination (approx. 30 to 60 minutes) Language of assessment: German and/or English creditable for bonus						
Allocation of places							
Additio	Additional information						
	-						
Worklo	Workload						

150 h

Teaching cycle

Teaching cycle: every year, summer semester

Referred to in LPO I (examination regulations for teaching-degree programmes)



Modul	le title				Abbreviation	
Legal	and Eth	ical Aspects in Biologi	cal Sciences		07-SQF-RETH-211-m01	
Module coordinator				Module offered by	,	
Dean	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)		
5	nume	rical grade				
Durati	on	Module level	Other prerequisites			
1 seme	ester	undergraduate	exercises (minimum	180%) and success	exercises. Regular attendance of ful completion of the respective prerequisites for admission to as-	
Conte	nts					
anima	l testing		n agriculture, biodivers		rch, cloning, transgenic animals, ervation, biotechnology and mi-	
Intend	led lear	ning outcomes				
luate t	hese in	different cultural cont	exts. Students are able	to critically reflect o	eurogenetics and are able to eva- on and critically discuss these to-	
		, number of weekly cor	ntact hours, language –	- if other than Germ	an)	
V (1) +			<u> </u>			
			, language — if other th e can be chosen to earn		ation offered — if not every seme-	
Langu		ssessment: German aı	o minutes) or portfolio nd/or English			
Alloca	tion of _I	olaces				
Additi	onal inf	ormation				
Workload						
150 h						
Teaching cycle						
Teachi	ing cycl	e: every year, summer	semester			
Referr	Referred to in LPO I (examination regulations for teaching-degree programmes)					



Module title					Abbreviation	
Statistics 3					07-SQF-STAT3-182-m01	
Module	e coord	inator		Module offered by		
degree	progra	mme coordinator Biologi	e (Biology)	(Biology) Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)		
3	(not)	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	undergraduate				
Conten	Contents					

Usage of specific statistical methods on practical examples

Intended learning outcomes

The participants know how to evaluate data statistically and how to use statistic methods in practical examples.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (1)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

10 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking



will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwi-

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, pla-

ces will be allocated according to the selection process of group 1. **Additional information** Workload 90 h Teaching cycle **Referred to in LPO I** (examination regulations for teaching-degree programmes)



Module title					Abbreviation
Statistics 5					07-SQF-STAT5-182-m01
Module coordinator				Module offered by	
degree	progra	mme coordinator Biologi	e (Biology)	Faculty of Biology	
ECTS	Metho	od of grading	Only after succ. co	npl. of module(s)	
5	(not)	successfully completed			
Duration Module level		Other prerequisites			
1 semester undergraduate					
Contents					

Usage of specific statistical methods on practical examples

Intended learning outcomes

The participants know how to evaluate data statistically and how to use statistic methods in practical examples.

Courses (type, number of weekly contact hours, language — if other than German)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

10 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.

Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking



will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwi-

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, pla-

ces will be allocated according to the selection process of group 1. **Additional information** Workload 150 h **Teaching cycle Referred to in LPO I** (examination regulations for teaching-degree programmes)



Modul	e title		Abbreviation				
Enviro	nmenta	l Education in the Botani	07-SQF-UBG-152-m01				
Modul	e coord	inator		Module offered by			
head o	f Botan	ical Garden		Faculty of Biology			
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)			
2	(not)	successfully completed					
Duratio	on	Module level	Other prerequisites				
1 semester undergraduate							
Conter	Contents						

The Botanical Garden of the University of Würzburg is primarily used for teaching and research-related activities. In addition, it is used for activities in the area of general environmental education with the plants in the different sections and collections being used to inform interested members of the public about topics in the areas of botany, ecology and gardening. In this module, students will develop appropriate educational concepts for imparting, in a comprehensible way, specialist knowledge to interested laypersons. They will practise designing and using appropriate aids (information boards, leaflets etc.) and applying methodological approaches (guidelines) for the comprehensible presentation of complex concepts. Students will be organised into teams to complete the following tasks: develop contents tailored to the needs of selected target groups, acquire the specialist knowledge necessary for presenting these contents, select appropriate methods for presenting these contents.

Intended learning outcomes

Students will be able to communicate concepts in ecology and botany to a lay audience. They will be able to tailor contents to a target audience, selecting and using appropriate aids and techniques. Students will have acquired an overview of the sectors of the Botanical Garden and will be able to prepare information material on individual sections. They will have developed both botanical knowledge and teaching skills that will enable them to guide tours through the Botanical Garden, imparting knowledge in a way that is tailored to their target audience.

Courses (type, number of weekly contact hours, language — if other than German)

 \ddot{U} (0.5) + E (0.5)

Module taught in: German and/or English

 $\begin{tabular}{ll} \textbf{Method of assessment} (type, scope, language-if other than German, examination offered-if not every semester, information on whether module can be chosen to earn a bonus) \\ \end{tabular}$

term paper (or preparing educational materials and materials for demonstrations) (approx. 10 to 20 pages) Language of assessment: German and/or English creditable for bonus

Allocation of places

6 places.

Additional information

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Workload

60 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Modul	e title		Abbreviation			
Publishing Scientific Data					07-SQF-WIP-152-m01	
Module coordinator Mod				Module offered by		
Coordi	Coordinator BioCareers			Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)		
3	nume	rical grade				
Duration	on	Module level	Other prerequisites	3		
1 seme	1 semester undergraduate					
Conter	Contents					

Either alone or in small groups of two or three persons, students will select several journal articles from the field of life sciences. These will serve as the basis for a review article to be prepared by students. With two or three "core publications" as a basis, students will search data bases (e. g. PubMed) for literature that is directly related to these articles. The most important current original publications will be summed up in a review article; where applicable, students may also use their own raw data. The structure of this review article will comply with the standards of the scientific community as defined in the instructions to authors of a scientific journal. The article will contain at least one figure, one table as well as one schematic representation of the contents and will be divided up into the following sections: title, abstract, introduction and/or hypothesis/problem to be investigated, summary of results as well as current developments and discussion thereof. The article will also contain citations in the specified format. Students will also deliver a presentation on the contents of the article.

Intended learning outcomes

Students will have learned to conduct a literature search on a specific topic. They will know how to get an overview of recent publications on a specific topic and will be familiar with basic rules for summing up original publications in a review article complying with the standards of the scientific community. Students will be familiar with the standards regarding the structure of reviews and will be able to properly cite sources. They will thus know what to keep in mind when writing scientific articles. In addition, students will be able to prepare and deliver an oral presentation on raw scientific data.

Courses (type, number of weekly contact hours, language — if other than German)

S(2)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

term paper (approx. 5 to 10 pages) and presentation (approx. 15 minutes), weighted 2:1 Language of assessment: German and/or English creditable for bonus

Allocation of places

30 places.

Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one place in total) will be allocated to students of the Bachelor's degree subjects Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in the same procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration.

A waiting list will be maintained and places re-allocated as they become available.



Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwise by lot.

Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery.

Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, places will be allocated according to the selection process of group 1.

Additional information

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Workload

90 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



W	ÜRZBU	JRG 1	5 (23)	33 921	biology			
Module	Module title Abbreviation							
Additional Qualification outside Natural Sciences 2					07-SQF-ZQA2-152-m01			
Module	e coord	inator		Module offered by				
Coordi	nator B	ioCareers		Faculty of Biology				
ECTS		od of grading	Only after succ. con	npl. of module(s)				
2	(not)	successfully completed						
Duratio	on	Module level	Other prerequisites	i				
1 seme	ster	undergraduate						
Conten	its							
dit tran	ed lear	be made by examination ning outcomes expanded their interdis	ciplinary knowledge	ude 2 to 3 all-day co	nced their general scientific skills			
		·			areas other than biology.			
Course	s (type	, number of weekly conta	act hours, language –	- if other than Germa	ın)			
V (o.5) Module	•	5) t in: German and/or Engl	ish					
		sessment (type, scope, la ion on whether module c			ition offered — if not every seme-			
b) log (c) oral d) oral e) pres	approx examir examir entatio	mination (approx. 45 to 6 a. 10 to 20 pages) or nation of one candidate e nation in groups of up to on (approx. 20 to 30 minu amination (on average ap	ach (approx. 30 minu 3 candidates (approx Ites) or	. 20 minutes per can	ndidate) or according to subject area but wil			

f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but wil not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

60 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Modul	Module title Abbreviation							
Additio	Additional Qualification outside Natural Sciences 3 07-SQF-ZQA3-152-m01							
Modul	Module coordinator Module offered by							
Coordi	nator B	ioCareers		Faculty of Biology				
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)				
3	(not)	successfully completed						
Duratio	on	Module level	Other prerequisites	•				
1 seme	ster	undergraduate						
Conter	ıts							
dit trar	sfer to	se courses may be offere be made by examination ning outcomes			ernal institutions. Decision on cre veekly contact hour.			
Studer	nts have	e expanded their interdis			nced their general scientific skills n areas other than biology.			
Course	s (type	, number of weekly conta	act hours, language –	– if other than Germa	an)			
V (o.5) Modul		nt in: German and/or Engl	ish					
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)								
a) written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or								
			oo minutes) or					

- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places -Additional information -Workload

90 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



					_		
	Module title				Abbreviation		
Additi	onal Qu	alification outside Natur	al Sciences 4		07-SQF-ZQA4-152-m01		
Modul	Module coordinator			Module offered by			
Coordi	inator B	ioCareers		Faculty of Biology			
ECTS		od of grading	Only after succ. con	npl. of module(s)			
4	(not)	successfully completed					
Durati	on	Module level	Other prerequisites				
1 seme	ester	undergraduate					
Conte	nts		,				
skills (scienc dit tra	(ASQ) are es. The nsfer to	nd that provide students se courses may be offere be made by examination	with an opportunity t d by the University of	o strengthen their g Würzburg or by ext	the pool of general transferable reneral background in the natural ernal institutions. Decision on creday courses.		
	_	ning outcomes					
					nced their general scientific skills. n areas other than biology.		
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	an)		
V (0.5)	+ S (1.	5)					
Modul	e taugh	t in: German and/or Engl	ish				
					ation offered — if not every seme-		
b) log c) oral d) oral e) pres f) prac not ex Stude	ster, information on whether module can be chosen to earn a bonus) a) written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. Language of assessment: German and/or English						
Alloca	Allocation of places						
Additi	Additional information						
Workle	oad						
120 h	120 h						
Teachi	Teaching cycle						

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title Abbreviation					Abbreviation
Additio	Additional Qualification outside Natural Sciences 5				07-SQF-ZQA5-152-m01
Module	coord	inator		Module offered by	
Coordi	nator B	ioCareers		Faculty of Biology	
ECTS	Meth	od of grading	Only after succ. con	pl. of module(s)	
5	(not)	successfully completed	-		
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
Courses in areas other than the natural sciences that are not offered as part of the pool of general transferable skills (ASQ) and that provide students with an opportunity to strengthen their general background in the natural sciences. These courses may be offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by examination committee. Will include courses with 2 weekly contact hours.					
Intended learning outcomes					
		•	, ,		nced their general scientific skills. n areas other than biology.

Courses (type, number of weekly contact hours, language — if other than German)

V(0.5) + S(2)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Additional Qualification outside Natural Sciences 6					07-SQF-ZQA6-152-m01	
Module coordinator Module offered by						
Coordinator BioCareers				Faculty of Biology		
ECTS	Metho	Method of grading Only after succ. compl. of module(s)		npl. of module(s)		
5	nume	rical grade				
Duratio	Duration Module level		Other prerequisites	Other prerequisites		
1 seme	1 semester undergraduate					
Contents						
Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip students with advanced knowledge in the natural sciences that is related to their discipline. These courses may be						

Intended learning outcomes

nation committee.

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by exami-

Courses (type, number of weekly contact hours, language — if other than German)

V(0.5) + S(2)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Additio	nal Qu	alification in Natural Sci	ences 2		07-SQF-ZQN2-152-m01	
Module coordinator				Module offered by		
Coordinator BioCareers				Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. compl. of module(s)			
2	(not)	successfully completed				
Duration Module level		Other prerequisites				
1 semester undergraduate						
Contents						
dents v	vith ad by the	vanced knowledge in the University of Würzburg o	natural sciences tha	t is related to their c	erable skills (ASQ) that equip stu discipline. These courses may be edit transfer to be made by exam	

Intended learning outcomes

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(0.5) + S(0.5) + \ddot{U}(0.5)$

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

60 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title Abbreviation						
Additional Q	ualification in Natural Sci	ences 3		07-SQF-ZQN3-152-m01		
Module coord	dinator		Module offered by			
Coordinator E	BioCareers	Faculty of Biology				
ECTS Meth	od of grading	Only after succ. compl. of module(s)				
3 (not)	successfully completed					
Duration Module level		Other prerequisites				
1 semester undergraduate						
Contents						
Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip students with advanced knowledge in the natural sciences that is related to their discipline. These courses may be offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by examination committee.						

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(0.5) + S(1) + \ddot{U}(1)$

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

Additional information

Workload

90 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Additional Qualification in Natural Sciences 4					07-SQF-ZQN4-152-m01	
Module coordinator				Module offered by		
Coordinator BioCareers				Faculty of Biology		
ECTS	Method of grading Only after succ. co			mpl. of module(s)		
4	(not)	successfully completed				
Duration Module level			Other prerequisites			
1 semester undergraduate						
Contents						
Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip students with advanced knowledge in the natural sciences that is related to their discipline. These courses may be offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by examination committee.						
Intended learning outcomes						

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(0.5) + S(2) + \ddot{U}(2)$

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

Additional information

Workload

120 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)



Module title					Abbreviation	
Additional Qualification in Natural Sciences 5					07-SQF-ZQN5-152-m01	
Module	coord	inator		Module offered by		
Coordinator BioCareers				Faculty of Biology		
ECTS	Metho	Method of grading Only after succ. co		ipl. of module(s)		
5	(not) successfully completed					
Duration Module level		Other prerequisites				
1 semester		undergraduate				
Contents						
Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip stu-						

Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip students with advanced knowledge in the natural sciences that is related to their discipline. These courses may be offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by examination committee.

Intended learning outcomes

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

 $\textbf{Courses} \ (\textbf{type}, \textbf{number of weekly contact hours, language} - \textbf{if other than German})$

 $V(1) + S(1) + \ddot{U}(1)$

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)



Module	e title		Abbreviation		
Additional Qualification in Natural Sciences 6					07-SQF-ZQN6-152-m01
Module coordinator Module					
Coordi	Coordinator BioCareers			Faculty of Biology	
ECTS	Meth	hod of grading Only after succ. co		pl. of module(s)	
5	nume	rical grade			
Duration Module level Other prerequis		Other prerequisites	es		
1 semester undergraduate					
Contents					
Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip stu-					

Courses in the natural sciences not offered as part of the pool of general transferable skills (ASQ) that equip students with advanced knowledge in the natural sciences that is related to their discipline. These courses may be offered by the University of Würzburg or by external institutions. Decision on credit transfer to be made by examination committee.

Intended learning outcomes

Students have developed an improved scientific knowledge and have thus enhanced their specific qualifications. They have acquired additional expertise that will help them specialise in their field.

 $\textbf{Courses} \ (\textbf{type}, \textbf{number of weekly contact hours, language} - \textbf{if other than German})$

 $V(1) + S(1) + \ddot{U}(1)$

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 to 60 minutes) or
- b) log (approx. 10 to 20 pages) or
- c) oral examination of one candidate each (approx. 30 minutes) or
- d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or
- e) presentation (approx. 20 to 30 minutes) or
- f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)