

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject Didactics in Biology (Middle School) as Didaktikfach with the degree "Erste Staatsprüfung für das Lehramt an Mittelschulen"

Responsible: Faculty of Biology

Examination regulations version: 2013

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = 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 for the modules in this SFB: Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures: 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 a 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:

**LASPO2009**

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

**25-Sep-2014 (2014-54)**

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.

Every module will be described using the following form:

Abbreviation	<b>Module title</b>						
	ECTS		Duration	(in semesters)	Method of grading		Module level
	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y				
	Method of assessment						
	Only after successful completion of		if applicable				
	Other prerequisites		if applicable				
	Participants and allocation of places		if applicable				
	Additional information		if applicable				
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)				

**Compulsory Courses (20 ECTS credits)**

Successful completion of modules worth 20 ECTS credits in each subject selected as Didaktikfach (subject studied with a focus on teaching methodology) is a prerequisite for admission to the Erste Staatsprüfung (First State Examination) in the subject Didaktiken einer Fächergruppe der Mittelschule (Didactics of a Group of Subjects of Mittelschule).

07-DH-FW-BIO1-092-m01	<b>Basics of Biology I - Cytology and Anatomy</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses		This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"><li>07-DH-FWBIO1-1-092: V (no information on SWS (weekly contact hours) and course language available)</li><li>07-DH-FWBIO1-2-092: Ü (no information on SWS (weekly contact hours) and course language available)</li></ul>					
	Method of assessment		Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.  <b>Assessment in module component 07-DH-FWBIO1-1-092:</b> Introduction to Biology I (Lecture) <ul style="list-style-type: none"><li>3 ECTS, Method of grading: numerical grade</li><li>written examination (60 to 90 minutes)</li></ul> <b>Assessment in module component 07-DH-FWBIO1-2-092:</b> Cytology and Anatomy of Animals and Plants (Practice) <ul style="list-style-type: none"><li>2 ECTS, Method of grading: (not) successfully completed</li><li>10 to 15 drawings</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul>					
	other prerequisites		By way of exception, additional prerequisites are listed in the section on assessments.					
	Referred to in LPO I		§ 38 (1) 1. Didaktik der Hauptschule Biologie § 38 (1) 1. Didaktik der Mittelschule Biologie					

07-DH-FD-BIO1-092-m01	Didactics in Biology I							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses			This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"><li>07-LA-FDGRU-2-092: S (no information on SWS (weekly contact hours) and course language available)</li><li>07-GH-FDBIO1-1-092: V (no information on SWS (weekly contact hours) and course language available)</li></ul>				
	Method of assessment			Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.  <b>Assessment in module component 07-LA-FDGRU-2-092:</b> School-Type-Specific Didactics in Biology (Seminar) <ul style="list-style-type: none"><li>2 ECTS, Method of grading: numerical grade</li><li>written examination (30 to 45 minutes) or term paper (10 to 15 pages)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li></ul> <b>Assessment in module component 07-GH-FDBIO1-1-092:</b> Introduction to Didactics in Biology (Lecture) <ul style="list-style-type: none"><li>3 ECTS, Method of grading: numerical grade</li><li>written examination (60 to 90 minutes)</li></ul>				
	other prerequisites			By way of exception, additional prerequisites are listed in the section on assessments.				
	Referred to in LPO I			§ 36 (1) 7. Didaktik der Grundschule Biologie § 38 (1) 1. Didaktik der Hauptschule Biologie § 38 (1) 1. Didaktik der Mittelschule Biologie § 41 (1) 6. Biologie Fachdidaktik § 61 (1) 8. Biologie Didaktik				

07-DH-FW-BIO2-092-m01	Basics of Biology II - Systematics and Ecology							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses		This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"><li>07-DH-FWBIO2-2-121: Ü (no information on SWS (weekly contact hours) and course language available)</li><li>07-DH-FWBIO2-1-092: V (no information on SWS (weekly contact hours) and course language available)</li></ul>					
	Method of assessment		Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.  <b>Assessment in module component 07-DH-FWBIO2-2-121:</b> Introduction into Local Flora and Fauna <ul style="list-style-type: none"><li>2 ECTS, Method of grading: (not) successfully completed</li><li>oral examination in groups (groups of 3 to 5 candidates, 5 to 10 minutes per candidate)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul> <b>Assessment in module component 07-DH-FWBIO2-1-092:</b> Introduction to Biology II (Lecture) <ul style="list-style-type: none"><li>3 ECTS, Method of grading: numerical grade</li><li>written examination (60 to 90 minutes)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul>					
	other prerequisites		By way of exception, additional prerequisites are listed in the section on assessments.					
	Referred to in LPO I		§ 38 (1) 1. Didaktik der Hauptschule Biologie § 38 (1) 1. Didaktik der Mittelschule Biologie					

07-DH-FD-BIO2-092-m01	<b>Didactics in Biology II</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses		This module comprises 3 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"><li>07-DH-FDUM-1-121: S (no information on SWS (weekly contact hours) and course language available)</li><li>07-DH-FDBIO2-2-092: S (no information on SWS (weekly contact hours) and course language available)</li><li>07-DH-FWBIO2-3-092: S (no information on SWS (weekly contact hours) and course language available)</li></ul>					
	Method of assessment		Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.  <b>Assessment in module component 07-DH-FDUM-1-121:</b> Special Didactics in Biology: Teaching aids (Seminar) <ul style="list-style-type: none"><li>1 ECTS, Method of grading: (not) successfully completed</li><li>seminar paper (10 to 15 pages)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul> <b>Assessment in module component 07-DH-FDBIO2-2-092:</b> Teaching Techniques and Experiments in Biology (Seminar) <ul style="list-style-type: none"><li>2 ECTS, Method of grading: numerical grade</li><li>written examination (30 to 60 minutes) or colloquium (10 to 30 minutes)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul> <b>Assessment in module component 07-DH-FWBIO2-3-092:</b> Learning Places Outside the Classroom (Seminar) <ul style="list-style-type: none"><li>2 ECTS, Method of grading: (not) successfully completed</li><li>seminar paper (10 to 15 pages)</li><li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).</li></ul>					
	other prerequisites		By way of exception, additional prerequisites are listed in the section on assessments.					
	Referred to in LPO I		§ 36 (1) 7. Didaktik der Grundschule Biologie § 38 (1) 1. Didaktik der Hauptschule Biologie § 38 (1) 1. Didaktik der Mittelschule Biologie					

**Freier Bereich (general as well as subject-specific electives) (0-15 ECTS credits)**  
Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below.

Freier Bereich -- interdisciplinary: The interdisciplinary additional offer for a teaching degree can be found in the respective Annex "Ergänzende Bestimmungen für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt".

07-GH-FDU-BI1B-121-mo1	<b>Environmental Education in the Teach'n' LearnGarden</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	Ü + S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (7 to 10 pages)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
07-LA-FD-GES-092-mo1	<b>Special Didactics in Biology: Health Education</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (7 to 10 pages)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
07-LA-FD-DIS-092-mo1	<b>Special Didactics in Biology: Motivation and Discipline in Biology Education</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (7 to 10 pages)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
07-LA-FD-STX-092-mo1	<b>Special Didactics in Biology: Preparation for the Written Exam</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (7 to 10 pages)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
07-GH-FDASL2-092-mo1	<b>Special Didactics in Biology: Learning Places outside School 2</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (7 to 10 pages)						

07-GS-FD-SOV-092-m01	<b>Advanced Didactics in Biology</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	E + S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) seminar paper (17 to 20 pages), b) portfolio (approx. 90 hours)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
Referred to in LPO I	§ 36 (1) 7. Didaktik der Grundschule Biologie							
07-LA-ZQN2-092-m01	<b>Additional Qualification MINT 2</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)						
07-LA-ZQN3-092-m01	<b>Additional Qualification MINT 3</b>							
	ECTS	3	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	Ü + S + V (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)						
07-LA-ZQN4-092-m01	<b>Additional Qualification MINT 4</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)						
<b>Thesis (10 ECTS credits)</b>								
Preparation of a written Hausarbeit (thesis) in accordance with the provisions of Section 29 LPO I (examination regulations for teaching-degree programmes) is a prerequisite for teaching degree students to be admitted to the Erste Staatsprüfung (First State Examination). In accordance with the provisions of Section 29 LPO I, students studying for a teaching degree Mittelschule may write this thesis in the subject Didaktik einer Fächergruppe der Mittelschule (Didactics of a Group of Subjects of Mittelschule), in the subject they selected as Unterrichtsfach (subject studied with a focus on the scientific discipline) or in the subject Erziehungswissenschaften (Educational Science). Pursuant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an interdisciplinary thesis.								
07-HS-DF-HA-092-m01	<b>Thesis in Didactics in Biology</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	no courses assigned						
	Method of assessment	written thesis (30 to 50 pages)						
	Additional Information	Additional information on module duration: 1 to 2 semesters.						