Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Didactics in Biology (Secondary School) as Didaktikfach
with the degree "Erste Staatsprüfung für das Lehramt für Sonderpädagogik"

Responsible: Faculty of Biology

Examination regulations version: 2009

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)):

07-Aug-2012 (2012-87)

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	**Module title**							
	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 Hauptschule (Didactics of a Group of Subjects of Hauptschule).

07-DH-FW-BIO1-092-m01

Basics of Biology I - Cytology and Anatomy

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. • 07-DH-FWBIO1-1-092: V (no information on SWS (weekly contact hours) and course language available) • 07-DH-FWBIO1-2-092: Ü (no information on SWS (weekly contact hours) and course language available)
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. **Assessment in module component 07-DH-FWBIO1-1-092:** Introduction to Biology I (Lecture) • 3 ECTS, Method of grading: numerical grade • written examination (60 to 90 minutes) **Assessment in module component 07-DH-FWBIO1-2-092:** Cytology and Anatomy of Animals and Plants (Practice) • 2 ECTS, Method of grading: (not) successfully completed • 10 to 15 drawings • 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).
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. • 07-LA-FDGRU-2-092: S (no information on SWS (weekly contact hours) and course language available) • 07-GH-FDBIO1-1-092: V (no information on SWS (weekly contact hours) and course language available)					
	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. **Assessment in module component 07-LA-FDGRU-2-092:** School-Type-Specific Didactics in Biology (Seminar) • 2 ECTS, Method of grading: numerical grade • written examination (30 to 45 minutes) or term paper (10 to 15 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. **Assessment in module component 07-GH-FDBIO1-1-092:** Introduction to Didactics in Biology (Lecture) • 3 ECTS, Method of grading: numerical grade • written examination (60 to 90 minutes)					
	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. • 07-DH-FWBIO2-2-121: Ü (no information on SWS (weekly contact hours) and course language available) • 07-DH-FWBIO2-1-092: V (no information on SWS (weekly contact hours) and course language available)					
	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. **Assessment in module component 07-DH-FWBIO2-2-121:** Introduction into Local Flora and Fauna • 2 ECTS, Method of grading: (not) successfully completed • oral examination in groups (groups of 3 to 5 candidates, 5 to 10 minutes per candidate) • 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). **Assessment in module component 07-DH-FWBIO2-1-092:** Introduction to Biology II (Lecture) • 3 ECTS, Method of grading: numerical grade • written examination (60 to 90 minutes) • 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).					
	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	**Didactics in Biology II**							
	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. • 07-DH-FDUM-1-121: S (no information on SWS (weekly contact hours) and course language available) • 07-DH-FDBIO2-2-092: S (no information on SWS (weekly contact hours) and course language available) • 07-DH-FWBIO2-3-092: S (no information on SWS (weekly contact hours) and course language available)					
	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. **Assessment in module component 07-DH-FDUM-1-121:** Special Didactics in Biology: Teaching aids (Seminar) • 1 ECTS, Method of grading: (not) successfully completed • seminar paper (10 to 15 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). **Assessment in module component 07-DH-FDBIO2-2-092:** Teaching Techniques and Experiments in Biology (Seminar) • 2 ECTS, Method of grading: numerical grade • written examination (30 to 60 minutes) or colloquium (10 to 30 minutes) • 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). **Assessment in module component 07-DH-FWBIO2-3-092:** Learning Places Outside the Classroom (Seminar) • 2 ECTS, Method of grading: (not) successfully completed • seminar paper (10 to 15 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).					
	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)
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-LA-ZQN2-092-m01	**Additional Qualification MINT 2**							
	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	**Additional Qualification MINT 3**							
	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	**Additional Qualification MINT 4**							
	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)					
07-GH-FDU-BI1B-121-m01	**Environmental Education in the Teach'n' LearnGarden**							
	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-STX-092-m01	**Special Didactics in Biology: Preparation for the Written Exam**							
	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-GES-092-m01	**Special Didactics in Biology: Health Education**							
	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-GS-FD-SOV-092-m01	**Advanced Didactics in Biology**							
	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-GH-FDASL2-092-m01	**Special Didactics in Biology: Learning Places outside School 2**							
	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-LA-FD-DIS-092-m01	**Special Didactics in Biology: Motivation and Discipline in Biology Education**							
	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).						