

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject Biology as vertieft studiertes Fach (studied with a focus on the scientific discipline) with the degree "Erste Staatsprüfung für das Lehramt an Gymnasien"

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 (2012-89)**

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)				

Scientific Discipline (92 ECTS credits)								
Compulsory Courses (92 ECTS credits)								
07-LA-BIO1-092-mo1	<b>Basics of Biology - Cytology and Anatomy</b>							
	ECTS	11	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-LA-BIO1-1-121: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-LA-BIO1-2-121: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-LA-BIO1-3-121: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-BIO1-1-121:</b> Structure and Function of Cells (Lecture, Practice) Structure and Function of Cells (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-LA-BIO1-2-121:</b> The Plant Kingdom (Lecture, Practice) The Plant Kingdom (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-LA-BIO1-3-121:</b> The Animal Kingdom (Lecture, Practice) The Animal Kingdom (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (approx. 30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
Referred to in LPO I	§ 41 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren" § 41 (1) 2. "Physiologie der Pflanzen und Tiere" § 61 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren"							

07-LA-EVO-092-mo1	<b>Evolution</b>							
	ECTS	1	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (approx. 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
Referred to in LPO I	§ 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie" § 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"							
07-GY-MI-BI1-092-mo1	<b>Basic Microbiology</b>							
	ECTS	4	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-MIBI1-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-GY-MIBI1-2-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-MIBI1-1-092:</b> Introduction to Microbiology (Lecture, Practice) Introduction to Microbiology (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>1 ECTS, Method of grading: (not) successfully completed</li> <li>logs (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> <p><b>Assessment in module component 07-GY-MIBI1-2-092:</b> Basic Physiology of Prokaryotes (Lecture, Practice) Basic Physiology of Prokaryotes (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>3 ECTS, Method of grading: numerical grade</li> <li>written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
Referred to in LPO I	§ 41 (1) 3. "Genetik oder Mikrobiologie" § 61 (1) 3. Biologie "Genetik und Mikrobiologie"							

07-LA-PHY1-092-mo1	<b>Basic Physiology I</b>							
	ECTS	4	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (approx. 30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
Referred to in LPO I	§ 41 (1) 2. "Physiologie der Pflanzen und Tiere" § 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"							
07-LA-PHY2-092-mo1	<b>Basic Physiology II</b>							
	ECTS	4	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (approx. 30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
Referred to in LPO I	§ 41 (1) 2. "Physiologie der Pflanzen und Tiere" § 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"							
07-GY-ETHO-092-mo1	<b>Behavioural Biology</b>							
	ECTS	2	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (approx. 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
Referred to in LPO I	§ 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"							

07-GY-OE-KO-092-mo1	<b>Plant and Animal Ecology (Lecture, Practice)</b>							
	ECTS	6	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-GY-OEKO-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-GY-OEKO-2-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-GY-OEKO-1-092: Animal Ecology Animal Ecology</b></p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-GY-OEKO-2-092: Plant Ecology Plant Ecology</b></p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	§ 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"						
07-LA-NEUR-092-mo1	<b>Neurobiology</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (approx. 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referred to in LPO I	§ 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"						

07-GY-GEN-092-mo1	<b>Genetics</b>								
	ECTS	6	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-GY-GEN-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-GY-GEN-2-092: V (no information on SWS (weekly contact hours) and course language available)</li> </ul>							
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-GY-GEN-1-092: Basic Genetics Basic Genetics</b></p> <ul style="list-style-type: none"> <li>3 ECTS, Method of grading: (not) successfully completed</li> <li>written examination (approx. 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-GY-GEN-2-092: Advanced Genetics</b></p> <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	§ 61 (1) 3. Biologie "Genetik und Mikrobiologie"								
07-GY-EBIO1T-092-mo1	<b>Developmental Biology of Plants and Animals</b>								
	ECTS	6	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-GY-EBIO1T-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-GY-EBIO1T-2-092: V (no information on SWS (weekly contact hours) and course language available)</li> </ul>							
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-GY-EBIO1T-1-092: Developmental Biology of Animals (Lecture, Practice) Developmental Biology of Animals (Lecture, Practice)</b></p> <ul style="list-style-type: none"> <li>4 ECTS, Method of grading: numerical grade</li> <li>written examination (30 to 60 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-GY-EBIO1T-2-092: Developmental Biology of Plants (Lecture)</b></p> <ul style="list-style-type: none"> <li>2 ECTS, Method of grading: numerical grade</li> <li>written examination (20 to 40 minutes)</li> </ul>							
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.							
Referred to in LPO I	§ 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"								
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07-LA-FLO- RA-092-m01	<b>The Flora of Germany</b>							
	ECTS	6	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 07-LA-FLORA-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-LA-FLORA-2-092: E (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-FLORA-1-092:</b> Systematics of the Flora of Germany Systematics of the Flora of Germany</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes)</li> <li>• Assessment offered: once a year, summer semester</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> <p><b>Assessment in module component 07-LA-FLORA-2-092:</b> Field Excursions on the Flora of Germany</p> <ul style="list-style-type: none"> <li>• 2 ECTS, Method of grading: (not) successfully completed</li> <li>• 5 field trip logs (approx. 1 to 2 pages per field trip)</li> <li>• Assessment offered: once a year, summer semester</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	<p>§ 41 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren"</p> <p>§ 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"</p> <p>§ 61 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren"</p> <p>§ 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"</p>						



07-LA-FAU-NA-092-m01	<b>The Fauna of Germany</b>							
	ECTS	6	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-FAUNA-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-LA-FAUNA-2-092: E (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. <p><b>Assessment in module component 07-LA-FAUNA-1-092:</b> Systematics of the Fauna of Germany Systematics of the Fauna of Germany</p> <ul style="list-style-type: none"> <li>4 ECTS, Method of grading: numerical grade</li> <li>written examination (approx. 45 minutes) and practical identification assignment (approx. 45 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-LA-FAUNA-2-092:</b> Field Excursions on the Fauna of Germany</p> <ul style="list-style-type: none"> <li>2 ECTS, Method of grading: (not) successfully completed</li> <li>log (approx. 3 pages)</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	§ 41 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren" § 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie" § 61 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren" § 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"						
07-GY-METH-092-m01	<b>Biological Research Methods</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	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)						
	Referred to in LPO I	§ 61 (1) 7. Biologie "Forschungsorientiertes Praktikum"						

07-GY-FOR-092-m01	<b>Biological Research</b>							
	ECTS	7	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>07-GY-FOR-1-092: S (no information on SWS (weekly contact hours) and course language available)</li> <li>07-GY-FOR-2-092: P (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-GY-FOR-1-092: Statistics in Research (Practice)</b></p> <ul style="list-style-type: none"> <li>1 ECTS, Method of grading: (not) successfully completed</li> <li>exercises (3 to 5 hours)</li> </ul> <p><b>Assessment in module component 07-GY-FOR-2-092: Research-oriented working in Biology (Practice)</b></p> <ul style="list-style-type: none"> <li>6 ECTS, Method of grading: numerical grade</li> <li>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)</li> </ul>						
Referred to in LPO I	§ 61 (1) 7. Biologie "Forschungsorientiertes Praktikum"							
07-LA-HU-BIO-092-m01	<b>Human Biology</b>							
	ECTS	9	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>07-LA-HUBIO-1-092: V (no information on SWS (weekly contact hours) and course language available)</li> <li>07-LA-HUBIO-2-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-HUBIO-1-092: Basic Human Biology (Lecture)</b></p> <ul style="list-style-type: none"> <li>5 ECTS, Method of grading: numerical grade</li> <li>written examination (approx. 60 to 90 minutes)</li> </ul> <p><b>Assessment in module component 07-LA-HUBIO-2-092: Basic Human Biology (Practice)</b></p> <ul style="list-style-type: none"> <li>4 ECTS, Method of grading: (not) successfully completed</li> <li>logs (approx. 30 hours) and 10 to 15 drawings</li> <li>Only after successful completion of module components: Successful completion of module component 07-LA-HUBIO-1 is a prerequisite for participation in module component 07-LA-HUBIO-2.</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>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	§ 41 (1) 5. Biologie "Humanbiologie" § 61 (1) 5. Biologie "Humanbiologie"						

07-GY-MI- Bl2-092-m01	<b>Microbiology 2</b>							
	ECTS	3	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	Ü + 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)						
	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.						
Referred to in LPO I	§ 61 (1) 3. Biologie "Genetik und Mikrobiologie"							
07-GY-PBBT-092- m01	<b>Biology in Technics and Medicine</b>							
	ECTS	3	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	V + V (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	2 written examinations (30 to 60 minutes each)						

07-GY-FBW-092-m01	<b>Advanced Biology Course</b>							
	ECTS	8	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	<p>This module has 2 components; information on courses listed separately for each component.</p> <ul style="list-style-type: none"> <li>07-GY-FBW-B-1-092: Ü + S (no information on language and number of weekly contact hours available)</li> <li>07-GY-FBW-Z-2-092: Ü + S (no information on language and number of weekly contact hours available)</li> </ul>						
	Method of assessment	<p>This module has the following 2 assessment components. To pass the module as a whole students must pass one of the two assessment components.</p> <p><b>Assessment component to module component 07-GY-FBW-B-1-092:</b> Übung im Schwerpunkt Botanik für das Lehramt Gymnasium</p> <ul style="list-style-type: none"> <li>8 ECTS credits, method of grading: numerical grade</li> <li>a) written examination (30-120 minutes) or b) log (10-30 pages) or c) oral examination of on candidate each (20-60 minutes) or d) oral examination in groups up to three candidates or e) presentation (20-45 minutes) or f) portfolio (30-120 hours total)</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> <p><b>Assessment component to module component 07-GY-FBW-Z-2-092:</b> Übung im Schwerpunkt Zoologie für das Lehramt Gymnasium</p> <ul style="list-style-type: none"> <li>8 ECTS credits, method of grading: numerical grade</li> <li>a) written examination (30-120 minutes) or b) log (10-30 pages) or c) oral examination of on candidate each (20-60 minutes) or d) oral examination in groups up to three candidates or e) presentation (20-45 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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
Referred to in LPO I	§ 61 (1) 6. Biologie Schwerpunkt "Botanik" § 61 (1) 6. Biologie Schwerpunkt "Zoologie"							

Teaching (10 ECTS credits)								
07-LA-FD-GRU-092-m01	<b>Basic Didactics in Biology</b>							
	ECTS	7	Duration	2 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-LA-FDGRU-1-092: V + S (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-FDGRU-2-092:</b> School-Type-Specific Didactics in Biology (Seminar)</p> <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> <p><b>Assessment in module component 07-LA-FDGRU-1-092:</b> Introduction into Didactics in Biology (Lecture, Practice) Introduction into Didactics in Biology (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>5 ECTS, Method of grading: numerical grade</li> <li>a) written examination (60 to 90 minutes) and written examination (20 to 30 minutes), weighted 3:2 or b) written examination (60 to 90 minutes) and oral examination of one candidate each (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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</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-GY-FDASL1-092-m01	<b>Special Didactics Biology: Learning Places outside School</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	This module has 2 components; information on courses listed separately for each component. <ul style="list-style-type: none"> <li>07-RG-FDASL1-1-092: Ü (no information on language and number of weekly contact hours available)</li> <li>07-RG-FDASL1-2-092: Ü (no information on language and number of weekly contact hours available)</li> </ul>						
	Method of assessment	This module has the following 2 assessment components. To pass the module as a whole students must pass one of the two assessment components. <p><b>Assessment component to module component 07-RG-FDASL1-1-092: Arbeiten im Lehr-Lern-Labor</b></p> <ul style="list-style-type: none"> <li>2 ECTS credits, method of grading: (not) successfully completed</li> <li>practice study/evaluation (10-15 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> <p><b>Assessment component to module component 07-RG-FDASL1-2-092: Arbeiten im LehrLernGarten</b></p> <ul style="list-style-type: none"> <li>2 ECTS credits, method of grading: (not) successfully completed</li> <li>practice study/evaluation (10-15 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>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	§ 41 (1) 6. Biologie Fachdidaktik § 61 (1) 8. Biologie Didaktik						
07-GY-FD-MED-092-m01	<b>Special Didactics in Biology: Teaching Aids</b>							
	ECTS	1	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). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referred to in LPO I	§ 61 (1) 8. Biologie Didaktik						
<b>Freier Bereich (general as well as subject-specific electives)</b> 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".

<b>Biology</b> (Freier Bereich (general as well as subject-specific electives) -- subject specific)								
07-LA-TUSB1-092-m01	<b>Supervising Tutorial for Biology 1</b>							
	ECTS	3	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses		T (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment		presentation portfolio (approx. 60 hours total)					
07-LA-TUSB2-092-m01	<b>Supervising Tutorial for Biology 2</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses		T (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment		presentation portfolio (approx. 90 hours total)					
07-LA-TUFB1-092-m01	<b>Supervising Tutorial for Basic Courses in Biology 1</b>							
	ECTS	3	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses		T (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment		portfolio and reports (approx. 60 hours total)					
07-LA-TUFB2-092-m01	<b>Supervising Tutorial for Basic Courses in Biology 2</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses		T (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment		portfolio and reports (approx. 90 hours total)					
07-LA-TUFB3-092-m01	<b>Supervising Tutorial for Basic Courses in Biology 3</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses		T (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment		portfolio and reports (approx. 120 hours total)					
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)						



07-4S1M- Z3-092-m01	<b>Ecology and Developmental Biology of marine organisms</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>07-4S1MZ3-1MO-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-4S1MZ3-2MO-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. <p><b>Assessment in module component 07-4S1MZ3-1MO-092:</b> Ecology and Developmental Biology of Marine Organisms</p> <ul style="list-style-type: none"> <li>4 ECTS, Method of grading: numerical grade</li> <li>log (approx. 10 to 20 pages)</li> <li>Assessment offered: once a year, summer semester</li> <li>Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises and successful completion of the respective exercises as specified at the beginning of the course.</li> </ul> <p><b>Assessment in module component 07-4S1MZ3-2MO-092:</b> Seminar on Marine Biology</p> <ul style="list-style-type: none"> <li>1 ECTS, Method of grading: (not) successfully completed</li> <li>presentation (approx. 20 to 30 minutes)</li> <li>Assessment offered: once a year, summer semester</li> </ul>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
Participants and allocation of places	Information on the allocation of places will be listed separately for each module component. <ul style="list-style-type: none"> <li>07-4S1MZ3-1MO-092: Number of places: 18. Should the number of applications exceed the number of available places, places will be allocated as follows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits. 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 participant 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 a standardised 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</li> </ul>							

plicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25% of places): allocation by lot. 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.

- 07-4S1MZ3-2MO-092: --

07-LA-EX-KURS2-092-m01	<b>Excursion on Zoology or Botany</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S + E (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	log (7 to 10 pages)						
07-LA-EX-KURS1-092-m01	<b>Excursion on Zoology or Botany lasting several days</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	S + E (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	log (10 to 20 pages) or written examination (30 to 90 minutes)						
07-LA-RHET-092-m01	<b>Biological Rhetorics and Communication</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 07-LA-RHET-1-092: V (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-LA-RHET-2-092: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>						
	Method of assessment	<p>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.</p> <p><b>Assessment in module component 07-LA-RHET-1-092:</b> Basics and Possibilities of Communication</p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: (not) successfully completed</li> <li>• written examination (approx. 45 to 60 minutes) including multiple choice questions</li> </ul> <p><b>Assessment in module component 07-LA-RHET-2-092:</b> Special Topics on "Basics and Possibilities of Communication"</p> <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: (not) successfully completed</li> <li>• a) presentation (approx. 20 minutes) or b) term paper (approx. 8 pages)</li> </ul>						

07-RG-FDASL2-092-m01	<b>Special Didactics in Biology: Teacher-Training Lab/Teach'n'LearnGarden</b>							
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	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-RG-FDASL2-1-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>07-RG-FDASL2-2-092: 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. <p><b>Assessment in module component 07-RG-FDASL2-1-092:</b> Advanced Course on "Working in the Teacher-Training Lab/Teach'n'LearnGarden" (Practice)</p> <ul style="list-style-type: none"> <li>2 ECTS, Method of grading: (not) successfully completed</li> <li>portfolio (7 to 10 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> <p><b>Assessment in module component 07-RG-FDASL2-2-092:</b> Introduction to Educational Research (Seminar)</p> <ul style="list-style-type: none"> <li>2 ECTS, Method of grading: (not) successfully completed</li> <li>term paper (7 to 10 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>						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
07-LA-FD-STX-092-m01	<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-LA-FD-DIS-092-m01	<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).						

**Thesis (10 ECTS credits)**

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 Gymnasium may write this thesis in one of the subjects they selected as vertieft studiertes Fach (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-GY-HA-092-m01	<b>Thesis in Biology</b>							
	ECTS	10	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-GY-HA-1-092: no courses assigned</li> <li>07-GY-HA-2-092: no courses assigned</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. <p><b>Assessment in module component 07-GY-HA-1-092:</b> Thesis in Didactics in Biology</p> <ul style="list-style-type: none"> <li>10 ECTS, Method of grading: numerical grade</li> <li>written thesis (30 to 50 pages)</li> </ul> <p><b>Assessment in module component 07-GY-HA-2-092:</b> Thesis in Science Biology</p> <ul style="list-style-type: none"> <li>10 ECTS, Method of grading: numerical grade</li> <li>written thesis (30 to 50 pages)</li> </ul>						
	Additional Information	Additional information on module duration: 1 to 2 semesters.						