

<b>Module title</b>		<b>Abbreviation</b>
Skills Orientated Learning in Biology		07-LA-FB-KO-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
head of group Didactics of Biology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
<p>In the seminar <i>Gesundheitserziehung (Health Education)</i>, we will explore the causes and reasons of a broad range of health issues faced by many children and adolescents in Germany today; we will discuss different types of these health issues as well as related theories. We will focus on the following topics: drugs and substance abuse, sex education, unhealthy eating habits and lack of exercise. We will develop lessons to promote a healthy lifestyle that are tailored to the requirements of the respective type of school and will discuss general measures as well as measures related to specific topics. In the seminar <i>Motivierte und disziplinierte Schüler im Biologieunterricht (Motivation and Discipline in the Biology Classroom)</i>, you will learn how to handle difficult situations in class and will develop methodological skills for the biology classroom. We will discuss the duties and responsibilities of teachers as well as ways to effectively fulfil these. We will analyse typical causes of disruption and will discuss ways to deal with disruptive pupils and prevent disruption. The seminar <i>Kompetenzorientierte Unterrichtsmodelle am Beispiel HOBOS (Skill-Oriented Instructional Models: the HOBOS Learning Platform)</i> will provide you with an introduction to the HOBOS learning platform and will acquaint you with the concepts of skill-oriented learning and educational standards. Discussing concrete examples, we will find out what effects output orientation may have on teaching. In addition, you will learn to plan and implement lessons, observing the principle of individualisation. You will acquire broad range of methods that will allow you to do so.</p>		
<b>Intended learning outcomes</b>		
<ul style="list-style-type: none"> <li>• Ability to explain both selected explanatory approaches to understanding health-impairing behaviours and historical as well as current approaches to the prevention of these behaviours.</li> <li>• Ability to translate topics in the area of health education and disease prevention from the curriculum for the respective type of school, in a didactically reduced manner, into lessons.</li> <li>• Ability to name the duties and responsibilities of teachers as well as fundamental principles set out in the following acts and regulations: Bayerisches Gesetz über das Erziehungs- und Unterrichtswesen (Bavarian Education Act, BayEUG), Dienstordnung für Lehrkräfte an staatlichen Schulen in Bayern (Regulations for Teachers at State Schools in Bavaria, LDO) as well as Schulordnung für die Gymnasien/Volksschulen/Realschulen in Bayern (Regulations Governing Gymnasien/Volksschulen/Realschulen in Bavaria, GSO/VSO/RSO).</li> <li>• Ability to recognise causes of disruption</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S (2) + S (2)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 45 to 90 minutes) or  b) oral examination of one candidate each (30 to 60 minutes) or  c) term paper (approx. 10 to 30 pages) or  d) portfolio</p> <p>Students will be informed about the method and length of the assessment prior to the course.  creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
<p>First state examination for the teaching degree Grundschule Biology (2015)</p> <p>First state examination for the teaching degree Grundschule Didactics in Biology (Primary School) (2015)</p> <p>First state examination for the teaching degree Realschule Biology (2015)</p> <p>First state examination for the teaching degree Gymnasium Biology (2015)</p> <p>First state examination for the teaching degree Sonderpädagogik Didactics in Biology (Middle School) (2015)</p> <p>First state examination for the teaching degree Mittelschule Biology (2015)</p> <p>First state examination for the teaching degree Mittelschule Didactics in Biology (Middle School) (2015)</p> <p>First state examination for the teaching degree Mittelschule Biology (2020 (Prüfungsordnungsversion 2015))</p> <p>First state examination for the teaching degree Sonderpädagogik Didactics in Biology (Middle School) (2020 (Prüfungsordnungsversion 2015))</p> <p>First state examination for the teaching degree Mittelschule Didactics in Biology (Middle School) (2020 (Prüfungsordnungsversion 2015))</p>