

<b>General Information</b>			
<b>Course name and code</b>	<b>Didactics of Biology</b> <b>ÚBEV/DIB1/03</b>	<b>ECTS Credits</b>	<b>6</b>
		<b>Semester</b>	<b>2nd (Summer)</b> <b>Master Degree</b>
<b>Aims</b>			
<p>Meet specific subjects teaching biology in high school and an elementary school. Learn and apply didactic knowledges in the topics of the biology curriculum with respect of psychological principles of learning. Selected biology teaching methods and technologies.</p>			
<b>Contents</b>			
<p>The aims of biological education in Slovakia, basic documents. Analysis of the curriculum and the formulation of educational objectives. EUR framework, phases of learning. Teaching strategies and methods in biology teaching. Concept learning. Problem solving and higher-order questions. Inquiry based science education. The importance of reflection. Verification of biological knowledge and skills. Assessment and classification. Educational aspects of biology teaching, development of critical thinking skills and key competences. Teaching aids for biology, the role of ICT. The school garden. History of biology teaching. Various concepts of biology teaching abroad.</p>			
<b>Evaluation</b>			
<p>Continuous assessment of tasks, which students prepared and submitted. Oral exam.</p>			
<b>Bibliography</b>			
<p>Kimáková, K.: Úvod do štúdia didaktiky biológie, elektronický študijný text, 2008  Kimáková, K., Dunayová, D., Luczyová P.: Inovačné metódy vyučovania prírodopisu a biológie, MC Prešov, 2001  Švecová, M.: Teorie a praxe zařazení školních projektů ve výuce přírodopisu a biologie, Karolinum Praha 2001  Periodické publikácie zamerané na výučbu biológie a interné študijné materiály sprístupnené v prostredí Moodle  <a href="https://lms.upjs.sk/login/index.php">https://lms.upjs.sk/login/index.php</a></p>			