


Discipline	<b>Soil Science</b> code: 11 <b>summer semester</b>		
Specialty	Agronomy		
ECTS credits: 6	Form of assessment: Exam		
Lecturer	Prof. Dr. Dragomir Plamenov  Room 429 Phone: +359 52 383 670 E-mail: dplamenov@tu-varna.bg dplamenov@abv.bg		
Department	Plant Production		
Faculty	Faculty of Manufacturing Engineering and Technology		
<p>Learning objectives:</p> <p>This curriculum is intended for students of the specialty "Agronomy", Bachelor's degree. The course "Soil Science" aims to acquaint students with soils as natural education and their diversity in the Republic of Bulgaria. The Course on Soil Science includes two sections - Formation, composition and properties of soils and soils in Bulgaria. The first section provides information on soil rocks and minerals. Questions about the formation, construction of the soil profile, the composition and the properties of the soil are also discussed. In the second part the FAO Soil Classification and Soil Classification in Bulgaria are studied, the methods and the means for their conservation and improvement.</p> <p>Soil science as a science is related to other subjects of the training course (general agriculture, agrochemistry, meliorations, etc.).</p>			
<b>CONTENTS:</b>			
Training Area		Hours lectures	Hours seminar exercises
Formation, composition and soil properties.		10	10
The soils in Bulgaria (Chernozems Soils, Smolnitsa, Gray-Brown Forest Soils, Cinnamonic Forest Soils, Pseudopodzolic Soils, Zheltozem Soils, Brown Forest Soils, Dark Mountainous Forest and Mountainous Meadow Soils, Alluvial and Deluvial Soils, Hydromorphic Soils with Gleyic Properties, Saline Soils).		20	20
<b>TOTAL:</b> 60 h		<b>30</b>	<b>30</b>