


Discipline	<b>Development of agrotechnologies for field crops</b> code: 47a <b>winter semester</b>		
Specialty	Agronomy		
ECTS credits: <b>6</b>	Form of assessment: Exam		
Lecturer	Assoc. Prof. Dr. Petar Yankov  Room 331 Phone: +359 52 385 725 E-mail: p_yankov@tu-varna.bg p_s_yankov@abv.bg		
Department	Plant Production		
Faculty	Faculty of Manufacturing Engineering and Technology		
<p>Learning objectives:</p> <p>The curriculum is intended for students of a Bachelor's degree program in Agronomy. The course "Development of Agrotechnologies for Field Crops" provides knowledge in the field of agrotechnology for cultivation of the main arable crops. For each of the crops the following steps of the agrotechnology are considered - soil treatment after various predecessors; fertilization (fertilizer norms and fertilizer input deadlines); seeds quality (requirements); sowing (sowing time and sowing depths); care during vegetation; weed, disease and pests control; harvesting and storing the production.</p> <p>During the course "Development of Agrotechnologies for Field Crops" the students apply and expand their knowledge in botany, biochemistry, physiology, agrometeorology, soil science, agrochemistry, general agriculture, agricultural machinery, herbology, phytopathology, entomology, etc.</p> <p>After finishing the course, the students will be able to manage the production of different crops in specific soil and climatic conditions of the growing area.</p>			
<b>CONTENTS:</b>			
	Training Area	Hours lectures	Hours seminar exercises
	Main agri-environmental districts in Bulgaria.	5	2
	Agro-technological requirements and development of technologies for production of basic cereals for the country.	15	8
	Agro-technological requirements and development of technologies for production of basic technical crops for the country.	10	5
	<b>TOTAL:</b> 45 h	<b>30</b>	<b>15</b>