

Discipline	Plant Production – part 1 (Cereal crops) code: 30 winter semester		
Specialty	Agronomy		
ECTS credits: 5	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>The course "Plant Production – part 1 (Cereal crops)" has as object the study of cereal crops. They are mainly grown for grain used for human food and feed for farm animals. This group of crops includes: winter grain cereals, spring grain cereals and grain legumes. The aim of the discipline is to provide students with sufficient information to know the basic cereals and the technology of their cultivation. Structurally determining issues will be the biological characteristics of the individual plant species in close connection with the practice: type of development, type of inflorescence, fruit, seed and breeding patterns. Emphasis will be placed on the most important aspects of agro-technology: precursors, soil preparation, sowing, weed control, pests and diseases, harvesting.</p>			
CONTENTS:			
	Training Area	Hours lectures	Hours seminar exercises
	Cereal crops (wheat, barley, rye, triticale, oats, maize, sorghum, rice, millet - for each crop are considered: origin and importance, morphology and biological requirements, features in agricultural technology, variety composition).	15	15
	Grain legumes (beans, soybeans, chickpeas, lentils - for each crop are considered: origin and importance, morphology and biological requirements, features in agricultural technology, variety composition).	15	15
	TOTAL: 60 h	30	30