


Discipline	General agriculture code: 11 summer semester		
Specialty	Agronomy		
ECTS credits: 5	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 "General Agriculture" is one of the basic courses for the future agronomists. It addresses the main issues of agriculture and its intensification; the parameters of the factors determining yields of crop plants and the basic principles in their differentiated regulation; methods of effective maintenance and use of soil fertility and other agri-environmental resources; crop rotation, soil cultivation systems, sowing methods; alternative and environmentally friendly farming systems.</p> <p>After finishing the course, the students will be able to apply the appropriate agricultural practices (crop rotation, soil cultivation systems, sowing) according to the specific soil and climatic conditions. General agriculture is based on a number of other disciplines (soil science, meteorology, plant physiology, microbiology, agrochemistry, mechanization of agriculture). At the same time the course on "General Agriculture" is the basis for the special agronomic topics as plant growing, fruit growing, vegetable growing, viticulture, etc.</p>			
CONTENTS:			
Training Area		Hours lectures	Hours seminar exercises
Main vegetation factors determining yields of crop plants and methods of their regulation.		5	5
Precursors of the main agricultural crops. Classification of seed crops and the principles for their creation.		10	10
Methods and systems for soil treatment.		10	10
Methods, depth and time for sowing.		5	5
TOTAL: 60 h		30	30

