

Discipline	PRACTICAL TRAINING code: 53 summer semester	
Specialty	AGRONOMY	
ECTS credits: 8	Form of assessment: Accepted	
Lecturer	Assoc. prof. Nadya Daskalova PhD Room NUK124 Phone: +359895317358 E-mail: nadia.daskalova@tu-varna.bg	
Department	PLANT PRODUCTION	
Faculty	<i>FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES</i>	
Learning objectives:		
<p>The production practice is the last practical training of the future specialists from the bachelor's degree, majoring in Agronomy.</p> <p>It takes place in extracurricular employment of 200 hours, during the educational process in the eighth semester. Students provide complete information about the company where they will be doing an internship.</p> <p>The purpose of the production practice is to provide an opportunity to practice and gaining experience in as many different branches of agriculture as possible.</p> <p>During the production practice, each student visits also other companies with a different scope the main agricultural activity.</p> <p>After completing the production practice, each student submits a report on the events in which he participated, the places visited, case studies for decision-making, etc., as well as a service note issued by the company in which he did the internship.</p> <p>Industrial training is of great importance for young specialists who acquire a variety of practical skills in the disciplines: Horticulture, Viticulture, Vegetable Production, Plant Protection, Plant Production, Phytopharmacy, General Agriculture, Landscaping, Botany, etc. They make new contacts and have the opportunity to find a job. Production experience is a determining mechanism in the implementation of young specialists in the labor market.</p>		
CONTENTS:		
Training Area		Practical tasks

Winter treatments for permanent crops. Winter pruning of fruit trees and vineyards. Preparation of greenhouses and greenhouses for early vegetable production. Monitoring the condition of winter vegetable crops. Sowing the wounds legumes and technical crops.	40
Monitoring the condition of winter cereal crops and winter rape	20
Assessment of perennial cereal and legume grasslands crops: health status (monitoring), need for nutrition, need for aeration, etc.	40
Vegetative pre- and post-flowering sprays for fruit and vine species. Pest monitoring and application of pheromone and sticky traps. Need for feeding with fertilizers at the beginning of the growing season, practical implementation. Care in greenhouse production (agrotechnical and pest monitoring).	30
Preparation of seedlings of annual ornamental plants. Prunings of decorative species and care for their conservation. Pest control care of essential oil crops. Production and planting of seedlings/cuttings of essential oil crops.	10
Sowing trench crops (preparation of areas, selection of a hybrid, checking the soil for macro- and microelements, soil excavation for enemies whose harmful stage is in the soil): sunflower and corn. Care through the growing season of winter and early spring crops.	30
Conditions for issuing a permit for an agro-pharmacy. Order and mechanism of storage of plant protection preparations. Method of displaying plant protection products in the agro-pharmacy. Consultations (accurate diagnosis based on symptoms and binocular monitoring, miscibility of plant protection products, etc.). Sale of fertilizers and seeds.	30
TOTAL: 200 h	200