

Discipline	<i>PLANT PROTECTION, PART 3 (ENTOMOLOGY)</i> code: 36 winter semester			
Specialty	AGRONOMY			
ECTS credits: <b>6</b>	Form of assessment: Exam			
Lecturer	Prof. Ivan Kiryakov, PhD Room: NUK 317a Phone: +359 52 385 725 E-mail: idkiyakov@abv.bg			
Department	PLANT PRODUCTION			
Faculty	<i>FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES</i>			
<p>Annotation:</p> <p>The course "Entomology" acquaints students with the structure, propagation, distribution of insects in nature and their damage on the crop plants, as well as the prognosis for their occurrence and development. On this basis, effective methods and means of combating them are developed and applied.</p>				
CONTENTS:				
Training Area			Hours lectures	Hours seminar exercises

Entomology as a science	1	
Insect morphology	2	
Anatomical structure of insects	2	
Reproduction and reproductive activity in insects	2	
Systematics of insects	2	
Damage caused by insects	1	
Methods of controlling enemies on agricultural crops	1	
Carnivorous enemies	2	
Key enemies of cereal crops with a fused surface	3	
Key enemies of corn	1	
Key enemies of annual and perennial legumes	2	
Key Enemies in Technical Cultures	2	
Key enemies of oilseed crops	2	
Key enemies of vegetable crops	3	
Key enemies of fruit species	2	
Key enemies by berry species and vine	2	
Insect morphology		2
Anatomy of insects		2
Insect Biology		2
Systematics of insects		3
Carnivorous enemies		2
Key enemies of cereals		2
Key enemies of annual and perennial legumes		2
Key Enemies in Technical Cultures		2
Key enemies of vegetable crops		2
Key enemies of fruit species		2
Enemies of berry crops and vines		2

Enemies in warehouse production		2
Beneficial entomofauna		2
Survey methods and ways to account for enemy density		2
Entomological collection		1
	<b>TOTAL: 60 h</b>	<b>30</b>
		<b>30</b>