

Field or fields of study	Horticulture
Name of the training module	Selected topic in modern horticulture
Language of teaching	English
Type of the training module	Optional
Level of study	part-time studies II level
Type of study	external
Year of study	II
Semester	3
Number of ECTS credits with a division into contact/noncontact	3 (0.88/2.12)
Title/degree, name and surname of the person in charge	prof. dr hab. Agnieszka Jamiołkowska
Unit offering the module	Department of Plant Protection
Aim of the module	Learn in English vocabulary related to horticulture, plant production, especially in plant protection against pathogens and pests. Learn about modern plant production in horticulture crops. Acquire English communication skills in horticultural and agricultural protection.
Learning outcomes – the total number of learning outcomes may not exceed (4-6) for the module. The description of the intended learning outcomes that a student should achieve after the completion of the module should be provided. The outcomes for both lectures and classes should be presented.	<p>Knowledge:</p> <p>K1. He know the English words concerning horticulture</p> <p>K2. He know the latest trends in modern horticulture</p> <p>Skills:</p> <p>S1. Translates and analyzes texts in English related to horticulture</p> <p>S2. He is able to present and discuss selected topics connected with plant production in English.</p> <p>Social competences:</p> <p>SC1. He has a need to learn and acquire new skills</p> <p>SC2. He knows how to work in a group</p>
Reference of module outcomes to field study outcomes	<p>K1 – OG_W01</p> <p>K2 - OG_W03,</p> <p>S1 - OG_U01</p> <p>S2 - OG_U02</p> <p>SC1 - OG_K04</p> <p>SC2 - OG_K03</p>
Relating modular learning outcomes to engineering outcomes	<p>K1 - InzOG_W02</p> <p>K2 - InzOG_W03</p> <p>S1 - InzOG_U01</p> <p>S2 - InzOG_U01</p>
Preliminary and additional requirements	General Horticulture , Plant protection
Contents of the training module	General topics in the field of modern horticulture. Plant production and control of pests. New technologies in plant protection. New systems of irrigation in

	horticultural plant production.																																				
Lists of basic and supplementary literature	Articles from international newspapers available on the website of the Lublin University of Life Sciences Library																																				
The intended forms/activities/teaching methods	Lecture. Exercises. Group work. Project / presentation. Discussion																																				
Methods of verification and documentation forms of the achieved learning outcomes	K1, K2: written tests S1, S2: assessment of the correct oral presentation SC1, SC2: evaluation of communication skills and discussion Teacher log, multimedia presentation on paper version																																				
Elements influencing the final grade	Written tests – 50% Oral presentation – 50%																																				
Balance of ECTS scores	<table border="1"> <thead> <tr> <th>Form of activity</th> <th>Hours</th> <th>ECTS score</th> </tr> </thead> <tbody> <tr> <td colspan="3">CONTACT HOURS</td> </tr> <tr> <td>Lectures</td> <td>9</td> <td>0.36</td> </tr> <tr> <td>Classes</td> <td>9</td> <td>0.36</td> </tr> <tr> <td>Consulting</td> <td>4</td> <td>0.16</td> </tr> <tr> <td>Total of contact hours</td> <td>22</td> <td>0.88</td> </tr> <tr> <td colspan="3">NONCONTACT HOURS</td> </tr> <tr> <td>Preparation for classes</td> <td>15</td> <td>0.6</td> </tr> <tr> <td>Studying literature</td> <td>13</td> <td>0.52</td> </tr> <tr> <td>Preparation of project</td> <td>25</td> <td>1.0</td> </tr> <tr> <td>Total of noncontact hours</td> <td>53</td> <td>2.12</td> </tr> <tr> <td>Total ECTS</td> <td>75</td> <td>3.0</td> </tr> </tbody> </table>	Form of activity	Hours	ECTS score	CONTACT HOURS			Lectures	9	0.36	Classes	9	0.36	Consulting	4	0.16	Total of contact hours	22	0.88	NONCONTACT HOURS			Preparation for classes	15	0.6	Studying literature	13	0.52	Preparation of project	25	1.0	Total of noncontact hours	53	2.12	Total ECTS	75	3.0
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Workload in activities with direct participation of academic teachers	Participation in lectures – 9 h Participation in classes – 9 h Consulting – 4 h																																				