

SYLLABUS (MODULE-ERASMUS+)

Course/module (as specified in the approved curriculum for the field of study) Extension in Seed Industry		ECTS 2	Catalogue number HORT 1.3
Name in Polish Doradztwo w nasiennictwie			
Head of course/module Prof. Roman Holubowicz			
Unit(-s) providing the course/module (Institute/Department) Department of Plant Pathology, Seed Science and Technology			
Field of study Horticulture	Level Second, English	Profile General, academic	Semester winter
TYPE OF CLASSES/LECTURES AND THE NUMBER OF HOURS (organised classes/lectures and self-study)			
Type of studies: full-time		Type of studies: extramural	
- lectures	15	- lectures	
- practical total	15	- classes	
- laboratory practical		-	
- project based practical		-	
- Other – tutored		-	
- self-study	20	- Self-study	
Total number of hours: 50		Total number of hours:	
OBJECTIVE OF COURSE/MODULE			
Getting acquainted students with modern methods of extension in the seed sector and methods of preparing trainings and individual advise and expertise.			
TEACHING METHODS Lectures, classes, films			
LEARNING OUTCOMES		Reference to field outcomes	Reference to area outcomes
Knowledge	E1. He/she has knowledge on the subject of methods and principles on advising units from the seed sector. E2. He/she knows system of advising in Poland and in the world. E3. He/she understands principles of creating advising programmes. E4. He/she takes under consideration theoretical baes of learning how to work with a group. E5. He/she knows principles of creating and developing individual business activity.	O2A_W02 O2A_W04 O2A_W012	R1A_W08
Skills	. E6. He/she can prepare programme of advising for a seed company, knows basic forms and methods of extension	O2A_U01 O2A_U02 O2A_U08E 6.	R1A_U01 R1A_U02 R1A_U05
Social competences	E 7.He/she is aware of the professional and theoretical importance of work with people in extension. E 8.He/she can carry out an activity like a businessman/woman. E 9.He/she can find and verify information useful for an adviser E 10. He/she is prepared to work in teams, organizations and institutions dealing with seed industry. .	O2A_K05 O2A_K09 O2A_K10	R1A_K01 R1A_K03 R1A_K08

Methods to verify learning outcomes Exam, test, practical evaluation	Outcome Reference Numbers E1-10
TEACHING CONTENT	
<p>Content of lectures: Basic terms and definitions. History of extension. Extension in Poland and in the world. Methods of adviser's work in seed industry. Theoretical bases of learning. Specifics of extension in seed industry. Preparing extension programmes. Ethics in extension. What is future of extension in seed industry?</p> <p>Content of exercises: Learning about basic extension methods in seed companies. Analyzing and processing of information concerning extension and information flow from various sources. Visiting extension units working for seed sector.</p> <p>Project: preparing extension programme for a given seed company</p>	
Forms and criteria for passing of course/module Written examination, tests, project	Percentage of final mark 70 % - exam, 30 % - the rest
LIST OF LITERATURE	
<p>Basic literature</p> <p>Roling N.1990. Extension Science. Information Systems in Agricultural Development. Cambridge Univ. Press., Cambridge. Second Edition.</p> <p>Hołubowicz R. 2010. New methods to improve teaching effects of extension in agricultural and horticultural seed sector. Proc. of "Problems of Quality Management of the Higher Professional Training in the Context of Modern Realities. Irkutsk, Russia, Dec. 3, 2009, 30-35.</p> <p>Hołubowicz R. 2010. Specifics of extension works in seed industry. Proc. of the second intern. theor. and practical conference "Problems of Quality Management of the Higher Professional Training in the Context of Modern Realities." Irkutsk, Russia, Dec. 1, 2010, 26-29.</p>	