

1. Title of subject/module/unit		Vegetable seed production				
2. Unit code	622Z209	3. Number of ECTS credits			3	
4. Contact hours		Total	L	E	S	Other forms
		24	0	24		
5. Cycle	Master's	6. Year	2 nd	7. Semester	3 rd	
8. Study programme	International Master of Horticulture Science		9. Branch of study		Horticulture	
10. Pillar of the programme	Optional		11. Language	Slovak / English		
12. Special features						
13. Objectives and subject-specific competences	The aim of subject is to teach students the basic methods of production of vegetable and flower seeds.					
14. Description of content	The use of genetic resources in seed production, legislation, the quality and characteristics of the seeds, effects on seed quality, the general conditions of vegetables and flower seed production, post-harvest treatment of seeds, storage and treatment of seeds before sowing, production of vegetables seeds, production of flowers seeds.					
15. Basic bibliografy	<p>GEORGE RAYMOND A. T. <i>Vegetable Seed Production</i>. UK by MPG Books Group, Bodmin, 2009. 320 p. ISBN 978-1-84593-521-4</p> <p>MAYNARD, D.N. – HOCHMUTH G.J. – KNOTT, J.E. <i>Knott's Handbook for Vegetable Growers</i>. New Jersey : John Wiley and Sons, Inc. 2007, fifth edition, 621 p. ISBN 978-0471-73828-2</p> <p>LOEWER, H. P. <i>Seeds: The Definitive Guide to Growing, History, and Lore</i>. UK : Timber Press, 2005, 229 p. ISBN 0-88192-682-5</p> <p>SRIVASTAVA, J. P. SIMARSKI, L. T. <i>Seed Production Technology</i>. Aleppo : International Center for Agricultural Research in the Dry Areas, 1986, 287 p.</p> <p>HEBBLETHWAITE, P. D. <i>Seed production</i>. UK : Butterworths, 1980, 694 p.</p> <p>JAKÁBOVÁ, A., KOBZA, F.: 2008. Kvetinárstvo. Učebné skriptá, (Floriculture. Teaching textbook), SPU, FZKI, Katedra biotechniky parkových a krajinných úprav, Vydavateľstvo SPU v Nitre, 161 s.</p> <p>KÓŇA, J. Množitelské technológie v záhradníctve. (The multiplication technology in horticulture). Vydavateľstvo SPU v Nitre, 132 s., ISBN 978-80-8069-884-3.</p> <p>UHER A., KÓŇA J., VALŠÍKOVÁ M., ANDREJIOVÁ A.: 2009. Zeleninárstvo – poľné pestovanie. Vysokoškolská učebnica (Vegetable growing - field cultivation. University textbook) Vydavateľstvo SPU v Nitre, 212 s., ISBN 978-80-552-0199-3.</p> <p>VALŠÍKOVÁ, M., KOPEC, K.: 2010. Semenárstvo zeleniny a kvetín. (Seed production of vegetables and flowers). Vydavateľstvo SPU v Nitre, 131 s., ISBN 978- 80-552-0487-1.</p>					
16. Envisaged learning outcomes	16.1 Knowledge and understanding		Students will get knowledge on methods of production of vegetable and flower seeds.			

	<i>16.2 Application</i>	Activities will focus on use of genetic resources, legislation, the quality and characteristics of the seeds, storage and treatment of seeds before sowing. Methods of seed production and treatment of seeds before sowing will be oriented toward the future practical activities of graduate students.
	<i>16.3 Reflection</i>	Graduate of the subject manages basic and miscellaneous methods seed production and treatment. Manages activities related to horticultural crops seed production.
	<i>16.4 Transferable skills – not tied to just one subject</i>	This knowledge has applications throughout the horticulture, seed conservation and could extend into plant production.
17. Methods of teaching and learning	Excercises.	
18. Conditions for inclusion or to undertake work required	Enrolment in the year of the course.	
19. Methods of assessment and the assessment scale	<ul style="list-style-type: none"> - Written exam (30%) - Presentation of seminar paper (70%) Evaluation scale: Grades from A (best) to FX (worst)	
20. Method of evaluation of course quality	Student questionnaire.	
21. Curriculum compiler	prof. Ing. Magdaléna Valšíková, PhD., Slovak University of Agriculture in Nitra	