

Title	Propagation biology of plants		
Code	3DD02NAK10M		
Prerequisites			
Description	In the Master of Horticulture and Master of Agricultural Biotechnology program we provide detailed knowledge about horticultural plant reproduction and propagation biology. The primary goal of the course is a basic foundation for subsequent in-depth study. Sexual and asexual propagation, detailed seed-production biology. Maintaining clonal plant material, adventitious root and other organs developments and root development, grafting and rootstock-cultivar interaction biology.		
Lecturer	Prof. Dr. Károly Hrotkó, Dr. Márta Gyeviki PhD assistant lecturer, Dr. Veronika Szabó PhD assistant lecturer, Assist. Prof. Dr. István Dániel Mosonyi PhD, Assoc. Prof. Dr. Andrea Tilly-Mándy CSc		
Semester	2nd, spring	Contact hours/week	2+1
Level	MSc	ECTS	3
Teaching and Learning Methods:			
Reading:	<p>Compulsory literature: Hartmann, H.T., Kester, D. E., Davies, F.T. és Geneve, R.L: 2011 Plant propagation, 8th edition, Prentice-Hall Inc. USA, ISBN 978-0-13-501449-3. (selected chapters) Hrotkó, K. 2017. Plant Propagation Biology. PPT Presentations for lectures. Department of Floriculture and Denmdrology</p> <p>Redommended literature: Copeland, L.O. and McDonald, M.B. 2001. Principles of seed Science and Technology. Macmillan Publishing Company. New York. ISBN 978-1-4615-1619-4 Benech-Arnold, R. L. and Sánchez, R. A. 2004. Handbook of Seed Physiology. Haworth Press. ISBN 1-56022-928-4.</p>		
Assessment:	exam		