

<b>Title</b>	Propagation biology of plants		
<b>Code</b>	3DD02NAK10M		
<b>Prerequisites</b>			
<b>Description</b>	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.		
<b>Lecturer</b>	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		
<b>Semester</b>	1st, fall	<b>Contact hours/week</b>	2+1
<b>Level</b>	MSc	<b>ECTS</b>	3
<b>Teaching and Learning Methods:</b>			
<b>Reading:</b>	<p><b>Compulsory literature:</b></p> <ul style="list-style-type: none"> <li>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)</li> <li>Hrotkó, K. 2017. Plant Propagation Biology. PPT Presentations for lectures. Department of Floriculture and Denmdrology.</li> </ul> <p><b>Recommended literature:</b></p> <ul style="list-style-type: none"> <li>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</li> <li>Benech-Arnold, R. L. and Sánchez, R. A. 2004. Handbook of Seed Physiology. Haworth Press. ISBN 1-56022-928-4.</li> </ul>		
<b>Assessment:</b>	exam		