

## International Master of Horticultural Science – study program

Groups of courses	No of hours	Total ECTS credits
Core courses	15	4
Major courses	488	61
Elective courses	303-392	40-44
Master's seminar	75	20
<b>Total</b>	881-970	120

Semester 1 University of Agriculture in Krakow	Lang.	Lecture	Courses	Seminar	Other	ECTS
Rural Cultural Tourism	E	15	0	0	0	4
Integrated Protection of Horticulture Crops	E	24	24	8	0	6
Plant Molecular Genetics and Genomics	E	24	24	8	0	6
Biostatistics	E	18	24	6	0	5
Physical Education (gym)	E	0	0	0	15	1
Facultative – open to choice 2 from 4						
Soiless Cultivation Systems	E	15	10	0	0	4
Polymers in Horticulture	E	15	15	0	10	4
Social Insect Ecology	E	20	20	0	0	4
Principles of Plant Cell and Tissue Cultures	E	18	20	2	0	4
<b>Total in sem. 1</b>						<b>30</b>
Semester 2 Mendel University in Brno	Lang.	Lecture	Courses	Seminar	Other	ECTS
Applied Plant Biotechnology	E	28	28	0	0	6
Fruit Storage	E	28	28	0	0	5
Stone Fruit Production	E	28	28	0	0	6
Facultative – open to choice 3 from 4						
Wine Technology	E	28	28	0	0	6
Horticulture Machinery	E	28	28	0	0	5
Technology of Fruit Distillates	E	14	14	0	0	4
Sophisticated Vegetable production	E	28	28	0	0	5
<b>Total in sem. 2</b>						<b>32</b>
Semester 3 Slovak University of Agriculture in Nitra	Lang.	Lecture	Courses	Seminar	Other	ECTS
Special Fruit Growing	E	24	24	0	5	6
Post harvest technology of Horticulture Crops	E	12	24	0	0	6
Integrated Systems of Fruit Production	E	24	24	0	0	6
Pruning and Training of Fruit Trees	E	0	13	0	23	4

Facultative – open to choice 2 from 4						
Horticulture Dendrology	E	24	24	0	0	5
Quality Management Systems in Horticulture	E	0	24	0	0	4
Vegetable Seed Production	E	0	24	0	0	3
Grape and Wine Evaluation	E	0	36	0	0	4
<b>Total in sem. 3</b>						<b>31</b>
<b>Semester 4 in Alma Mater</b>	<b>Lang.</b>	<b>Lecture</b>	<b>Courses</b>	<b>Seminar</b>	<b>Other</b>	<b>ECTS</b>
Electives (2 x 30) = 7 ECTS	Native	30	30	0	0	7
Master Thesis (experimental and practical work)*	Native					20
<b>Total in sem. 4</b>						<b>27</b>
<b>Total</b>	<b>881-970</b>					<b>120</b>

\*Students elaborate a Master's thesis at the home university and finish the program with a Final Scientific Colloquium, in which the results of the thesis are presented and discussed in a critical manner (thesis defence) and knowledge of the profile courses will be verified also.