

Study programme and structure of the  
**"International Master of Science in Horticulture " (MSc - IHS)**

**University of Agriculture in Krakow / Faculty of Horticulture, Poland (UAK)**  
**Mendel University in Brno/ Faculty of Horticulture Lednice, Czech Republic (MENDELU)**  
**Slovak Agriculture University in Nitra / Faculty of Horticulture, Slovak Republic (SAU)**

**1st semester / University of Krakow**

September - December						
University of Krakow	Lang.	L	E	S	Other	CP
<b>Integrated protection of Horticulture Crops</b>	E	24	24	8		7
Soiless Cultivation Systems	E	15	10			5
<b>Polymers in Horticulture</b>	E	15	15		10	5
<b>Plant molecular Genetics and Genomics</b>	E	24	24	8		7
<b>Biostatistics</b>	E	18	24	6		6
Social Insect Ecology	E	20	20			5
Principles of Plant Cell and Tissue Cultures	E	18	20	2		5
<b>Total</b>		<b>134</b>	<b>137</b>	<b>24</b>	<b>10</b>	<b>40</b>

**2nd semester / Mendel University**

February - May						
Mendelu	Lang.	L	E	S	Other	CP
<b>Applied Plant Biotechnology</b>	E	28	28			6
<b>Wine Technology</b>	E	28	28			6
<b>Fruit Storage</b>	E	28	28			6
<b>Sophisticated Vegetable production</b>	E	28	28			5
<b>Stone Fruit Production</b>	E	28	28			6
Horticulture Machinery	E	28	28			5
Technology of Fruit Distillates	E	14	14			4
<b>Total</b>		<b>182</b>	<b>182</b>	<b>0</b>	<b>0</b>	<b>38</b>

**3rd semester / Slovak Agriculture University**

September - December						
University of Nitra	Lang.	L	E	S	Other	CP
<b>Special Fruit Growing</b>	E	24	24		5	6
<b>Post harvest technology of Horticulture Crops</b>	E	12	24			6
<b>Integrated Systems of Fruit Production</b>	E	24	24			6
Vegetable Seed Production	E	0	24			3
Grape and Wine Evaluation	E	0	36			4
Quality Management Systems in Horticulture	E	0	24			4
<b>Pruning and training of Fruit Trees</b>	E	0	13		23	4
<b>Horticulture Dendrology</b>	E	24	24			5
<b>Total</b>		<b>84</b>	<b>193</b>	<b>0</b>	<b>28</b>	<b>38</b>

**4th semester - Home University**

Februar - May						
University of Krakow	Lang.	L	E	S	Other	CP
Praxis/Elective Subjects						10
Master Thesis (experimental and practical work)						20
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>

Februar - May						
Mendelu	Lang.	L	E	S	Other	CP
Praxis/Elective Subjects						10
Master Thesis (experimental and practical work)						20
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>

Februar - May						
University of Nitra	Lang.	L	E	S	Other	CP
Praxis/Elective Subjects						10
Master Thesis (experimental and practical work)						20
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>

\* topics in bold letters are compulsory  
 lang. = language  
 L = Lectures

E = Exercises  
 S = Seminars  
 CP = Credit points