

**Hungarian University of Agriculture and Life Sciences**

**Name of the institute: Institute of Technology**

**Name of the programme: Biosystems Engineering MSc**

**Leader of the programme: Prof. Dr. László Káta**

Semester	Subject name (Eng)	Instructor	Title	Weekly hours			Semester hours						Credit	Require- ment type	Subject type	Prerequisite
				Theoreti- cal	Practical	Lab	Theoreti- cal	Practical	Lab	Field practice (hours)	Field practice (days)	Cons				
Autumn 1/Spring 1	Agricultural logistics	Magó László	Associate Professor	2	1	0	26	13	0	0	0	0	4	exam	A	
Autumn 1/Spring 1	Applied physics	Seres István	Associate Professor	2	1	0	26	13	0	0	0	0	3	exam	A	
Autumn 1/Spring 1	Energetics and Environmental industry	Schrempf Norbert	Associate Professor	2	1	0	26	13	0	0	0	0	6	exam	A	
Autumn 1/Spring 1	Farm machinery 1.	Bense László	Associate Professor	2	0	1	26	0	13	0	0	0	4	Term mark	A	
Autumn 1/Spring 1	Applied Artificial intelligence	Szabó István	Professor	3	0	0	39	0	0	0	0	0	5	Term mark	A	
Autumn 1/Spring 1	Intelligent facilities	Szabó Márta	Associate Professor	2	1	0	26	13	0	0	0	0	4	Term mark	A	
Autumn 1/Spring 1	Data science and data engineering	Szabó István	Professor	2	1	0	26	13	0	0	0	0	5	Term mark	A	
Autumn 1/Spring 1	Technical language			0	2	0	0	26	0	0	0	0	0	signature	A	
<b>Altogether:</b>				<b>15</b>	<b>7</b>	<b>1</b>	<b>195</b>	<b>91</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31</b>			
Spring 1/ Autumn 2	Engineering-economic mathematics	Kicsiny Richárd	Associate Professor	3	2	0	39	26	0	0	0	0	6	exam	A	
Spring 1/ Autumn 2	Advanced Engineering Economics	Daróczy Miklós	Associate Professor	2	1	0	26	13	0	0	0	0	4	exam	A	
Spring 1/ Autumn 2	Farm machinery 2.	Bense László	Associate Professor	2	0	1	26	0	13	0	0	0	4	exam	A	
Spring 1/ Autumn 2	Digitalization in agriculture	Szabó István	Professor	1	2	1	13	26	13	0	0	0	4	Term mark	A	
Spring 1/ Autumn 2	Post-harvest processing	Korzenszky Péter Emőd	Associate Professor	2	1	0	26	13	0	0	0	0	5	Term mark	A	
Spring 1/ Autumn 2	Engineering management	Medina Viktor	Associate Professor	2	2	0	26	26	0	0	0	0	4	exam	A	
Spring 1/ Autumn 2	Project Work	Káta László	Professor	0	2	0	0	26	0	0	0	0	5	Term mark	A	
<b>Altogether:</b>				<b>12</b>	<b>10</b>	<b>2</b>	<b>156</b>	<b>130</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>			
Autum 2/ Spring 2	System technology	Bárfai Zoltán	Associate Professor	2	2	0	26	26	0	0	0	0	4	exam	A	
Autum 2/ Spring 2	Optional ("C") Subject			4	0	0	52	0	0	0	0	0	6	Term mark	C	
Autum 2/ Spring 2	Diploma thesis preparation practice	Káta László	Professor	0	0	0	0	0	0	80	20	0	0	signature	A	
Autum 2/ Spring 2	Diploma thesis preparation	Káta László	Professor	0	0	0	0	0	0	0	0	15	15	signature	A	
Autum 2/ Spring 2	Technical language			0	2	0	0	26	0	0	0	0	2	Term mark	A	
<b>Altogether:</b>				<b>6</b>	<b>4</b>	<b>0</b>	<b>78</b>	<b>52</b>	<b>0</b>	<b>80</b>	<b>20</b>	<b>15</b>	<b>27</b>			
				<b>33</b>	<b>21</b>	<b>3</b>	<b>429</b>	<b>273</b>	<b>39</b>	<b>80</b>	<b>20</b>	<b>15</b>	<b>90</b>			