

## Subject Check-List to Pre-Degree Certificate

<b>Mechanical Engineering MSc</b>					Students must fill it in.				
Student's name:					Starting year: September 2018 and after, Specialization: Production Engineering				
Neptun-code:									
					Date of completion				
Nr.	Subject group	Subject	Subject code	Requirement	Academic Year	Semester	Grade	Credit Points	
1	Basics of Natural Sciences	Applied Mathematics	MK5ALKMA04GX17-EN	m				4	
2		Applied Statistics	MK5ALKSA04GX17-EN	m				4	
3		Applied Dynamics	MK5ADING05GX17-EN	e				5	
4		Applied Thermodynamics and Fluid Mechanics	MK5AHOAL04GX17-EN	m				4	
5		Materials Science	MK5ANTUG05GX17-EN	e				5	
6	Economics and Humanities	Investment and Financial Decisions	MK5BERPM04GX17-EN	e				4	
7		Organizational Techniques and Project Management	MK5SZERM04GX17-EN	e				4	
8		Applied Quality and Environmental Management	MK5AMINM04GX17-EN	m				4	
9	Specific Compulsory Subjects	Electronics Measurement and Signal Processing	MK5EMJFR04GX17-EN	e				4	
10		Machine and Product Design	MK5MGTTG04GX18-EN	e				4	
11		Engineering Systems and Modelling	MK5GRMOG05GX18-EN	e				5	
12		Integrated Design Systems	MK5INTRG05GX17-EN	m				5	
13		Project Work	MK5PROMG04GX17-EN	m				4	
14		Design of Manufacturing Devices	MK5GYETG04GX17-EN	e				4	
15	Field-specific Vocational Subjects	Simulation of Manufacturing Systems and Processes	MK5GYFTG04G117-EN	m				4	
16		Production Process Optimization	MK5TFOPG04G117-EN	e				4	
17		Design of Material Handling and Storage Systems	MK5AMOTG04G117-EN	m				4	
18		Production Automation	MK5GYAUAG04G117-EN	m				4	
19		Maintenance and Repairing Technologies	MK5KJATG04G117-EN	e				4	
20		Diagnostics and Condition Monitoring	MK5DIAFG04G117-EN	e				4	
21	Thesis	Thesis I	MK5DIP1G15G117-EN	m				15	
22		Thesis II	MK5DIP2G15G117-EN	m				15	
23	Optional Subjects*								
24									
25									
26									
27		Work and Fire Safety Course**	MUNKAVEDELEM	sign.					
28		Physical Education***	SI-004	sign.					
29		Internship (Industrial Training)	MK5SZGYG00G117-EN	sign.					
<b>Credits total:</b>				<b>120</b>					
<p style="text-align: center;">The student named above has fulfilled every academic requirement on his/her training program. Pre-degree certificate can be issued. He/she may take the final examination.</p> <p>* At least 6 credit points of optional courses need to be completed. ** For students who obtained their Bachelor's degree outside the University of Debrecen. *** Min. one semester of Physical Education is necessary.</p> <p>Debrecen, .....day .....month ..... year</p> <p style="text-align: right;">Vice-Dean for Educational Affairs</p>									

Abbreviations:

e: exam grade

m: mid-term grade

sign.: signature