

Mechanical engineering MSc (2022), Szombathely														
Subject code	Subject name	Prerequisite	Lecture	Exam	Practice	Practical mark	Consultation	Credit	Semester	1. Semester	2. Semester	3. Semester	4. Semester	Subject area
IK-SEK22GMMATEGEN	MSc Mathematics	-	28	E	28			5	1	2+2+0 E				Natural Sciences
IK-SEK22GMDEEGEN	Differential equations	-	28	E	28			5	1	2+2+0 E				Natural Sciences
IK-SEK22GMMREGEN	Mechanical vibrations	-	28	E	28		1	6	1	2+2+1 E				Mechanical engineering
IK-SEK22GMATEGEN	Materials and design	-	28	E	28		1	6	1	2+2+1 E				Natural Sciences
IK-SEK22GMMSLGEN	<i>Master studies and learning skills</i>	-	0		42	P		2	1	0+3+0 P				Economy and human
IK-SEK22GMMATGEN	<i>Application of microcontrollers</i>	-	0		28	P		3	1	0+2+0 P				Differentiated
SBANMA202708EN	<i>Foreign language (Hungarian 1)</i>	-	0		56	P		2	1	0+4+0 P				optional course
IK-SEK22GMRMEGEN	<i>Research methodology</i>	-	28		28	P	2	5	1	2+2+2 P				Compulsory optional
IK-SEK22GMTMTEGEN	MSC Fluid Dynamics	-	28		14	P		5	2		2+1+0 P			Natural Sciences
IK-SEK22GMKRSEGEN	Maintenance systems and strategies	-	28	E	14			5	2		2+1+0 E			Economy and human
IK-SEK22GMICEGEN	Industrial communications	-	28		28	P	2	5	2		2+2+2 P			Mechanical engineering
IK-SEK22GMVMEGEN	Finite Element Method and Elasticity	-	28	E	28		2	5	2		2+2+2 E			Differentiated
IK-SEK22GMMEFGEN	<i>Microcontroller based device development</i>	-	0		28	P	2	3	2		0+2+2 P			Compulsory optional
IK-SEK22GMPGEN	Projekt	-	0		0	P	4	5	2		0+0+4 P			Mechanical engineering
SBANMA202709EN	<i>Foreign language (Hungarian 2)</i>	-	0	E	56			2	2		0+4+0 E			optional course
IK-SEK22GMHAPEGEN	Hardvare based programing	-	14		42	P	1	5	3			1+3+1 P		Differentiated
IK-SEK22GMGDEGEN	Gas Dynamics	-	28		14	P	1	5	3			2+1+1 P		Differentiated
IK-SEK22GMMFÖEGEN	Economics of Technical Development	-	28		28	P		5	3			2+2+0 P		Economy and human
IK-SEK22GMGMEGEN	Machine design	-	28	E	28		1	6	3			2+2+1 E		Differentiated
IK-SEK22GMDIP1TEN	Thesis preparation	-	0		0	S	0,5	5	3			0+0+0.5 S		Differentiated
IK-SEK22GMMPMEGEN	Technical project managment	-	28		14	P	1	5	4				2+1+1 P	Economy and human
IK-SEK22GMDIP2TEN	Thesis	-	0		0	S	1	25	4				0+0+1 S	Differentiated
	<b>Total Credits in the Semester:</b>									<b>34</b>	<b>30</b>	<b>26</b>	<b>30</b>	

Symbols:

E - Exam

P - Practical grade

S - Signature