

Mechanical Engineering BSc (2019), Szombathely

Code	Subject	Prerequisite	Lecture	Exam	Practical course	Practical course mark	Konzultáció	Credit	Semester	1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	Subject area
SBANGP1400VEN	Learning methods	-	0		2	S		1	1	0+1 S							Economy and human
SBANGP1111EN	Descriptive geometry	-	1	E	2			3	1	1+2 E							Specialization
SBANGP1112EN	Fundamentals of Engineering	-	2		1	P		4	1	2+1 P							Specialization
SBANGP1500VEN	Foreign language: English 1	-	0		2	S		2	1	0+2 S							Optional subject
SBANGP1510VEN	Foreign language: German 1	-	0		2	S		2	1	0+2 S							Optional subject
SBANMA2708EN	Foreign language (Hungarian1)	-	2		0	P		2	1	0+2 P							Optional subject
SBANGP1113EN	Informatics systems	-	1		2	P		3	1	2+0 E							Specialization
SBANGP1011EN	Mathematics I.	-	4	E	2			6	1	4+2 E							Natural Sciences
SBANGP1021VEN	Basics of Mathematics	-	0		2	S		1	1	0+2 S							Natural Sciences
SBANGP1411EN	Micro- and macroeconomics	-	4			P		3	1	4+0 P							Economy and human
SBANGP1012EN	Technical Chemistry	-	2	E	1			4	1	2+1 E							Natural Sciences
SBANGP1013EN	Statics	-	2	E	2			4	1	2+2 E							Natural Sciences
SBANGP6225EN	Labour safety	-	2		0	P		2	1	2+0 P							Optional subject
SBANGP2114EN	Structure of Materials I.	-	3	E	2			5	2		3+2 E						Specialization
SBANGP2115EN	CAD I.	-	0		3	P		3	2		0+3 P						Specialization
SBANGP2015EN	Physics I.	-	2	E	1			4	2		2+1 E						Natural Sciences
SBANGP2116EN	Technical drawing	SBANGP1111EN	2		2	P		4	2		2+2 P						Specialization
SBANGP2500EN	Foreign language: English 2	-	0		2	S		2	2		0+2 S						Optional subject
SBANGP2510EN	Foreign language: German 2	-	0		2	S		2	2		0+2 S						Optional subject
SBANMA2709EN	Foreign language (Hungarian2)	SBANMA2708EN	0		2	P		2	2		0+2 P						Optional subject
SBANGP2224EN	Logistics	-	1		1	P		2	2		1+1 P						Optional subject
SBANGP2014VEN	Mathematics II.	SBANGP1011EN	3	E	2			5	2		3+2 E						Natural Sciences
SBANGP2117EN	Programming	SBANGP1113EN	0		2	P		2	2		0+2 P						Specialization
SBANGP2016EN	Mechanics of Materials	SBANGP1013EN	2	E	2			4	2		2+2 E						Natural Sciences
SBANGP3119EN	Structure of Materials II.	SBANGP2114EN	2	E	2			4	3			2+2 E					Specialization
SBANGP3019EN	Dynamics	SBANGP1013EN, SBANGP1011EN	2	E	2			4	3			2+2 E					Natural Sciences
SBANGP3018EN	Physics II.	SBANGP2015EN	2	E	1			3	3			2+1 E					Natural Sciences
SBANGP3118EN	Machine Elements I.	SBANGP2116EN, SBANGP2016EN	2	E	2			3	3			2+2 E					Specialization
SBANGP3017EN	Mathematics III.	SBANGP2014EN	2		2	P		5	3			2+2 P					Natural Sciences
SBANGP3120EN	Measurement techniques I.	-	1		1	P		3	3			1+1 P					Specialization
SBANGP6316EN	Quality assurance	-	2		1	P		3	3			2+1 P					Economy and human
SBANGP3412EN	Technical and economical data analysis	-	2		1	P		3	3			2+1 P					Economy and human
SBANGP3216VEN	Basics of Finite Element Method	SBANGP2016EN, SBANGP2115EN	1		2	P		2	3			1+2 P					Optional subject
SBANGP4126EN	Structure of Materials III.	SBANGP3119EN	3	E	2			5	4				3+2 E				Specialization
SBANGP4122EN	Fluid dynamics	SBANGP2014EN	2		2	P		4	4				2+2 P				Specialization
SBANGP4123EN	Basics of Electrotechnics	-	2		1	P		3	4				2+1 P				Specialization
SBANGP4121EN	Machine Elements II.	SBANGP3118EN	3	E	2			5	4				3+2 E				Specialization
SBANGP4124EN	Manufacturing Technologies I.	-	2	E	2			5	4				2+2 E				Specialization
SBANGP4125EN	Thermodynamics I.	SBANGP1011EN	2		1	P		4	4				2+1 P				Specialization
SBANGP4020EN	Vibration	SBANGP3017EN, SBANGP3019EN	2	E	2			4	4				2+2 E				Natural Sciences
SBANGP6130EN	Fluid machinery	SBANGP4122EN	2		2	P		4	5				2+2 P				Specialization
SBANGP5128EN	Electromechanics	SBANGP4123EN	2	E	2			4	5				2+2 E				Specialization
SBANGP5311EN	Manufacturing Technologies II.	-	2	E	2			4	5				2+2 E				Differ. Profes. Knowl.
SBANGP5314EN	Hydraulics and Pneumatics	-	2		2	P		5	5				2+2 P				Differ. Profes. Knowl.
SBANGP5312EN	Measurement techniques II.	-	2	E	2			4	5				2+2 E				Differ. Profes. Knowl.
SBANGP5127EN	Thermodynamics II.	SBANGP4125EN	2	E	2			4	5				2+2 E				Specialization
SBANGP5415EN	Business law	-	2		0	P		2	5				2+0 P				Economy and human
SBANGP6319EN	CNC and CAM 1.	SBANGP4124EN	2		2	P		3	5				2+2 P				Differ. Profes. Knowl.
SBANGP6320EN	CAD 2.	SBANGP2115EN	0		3	P		3	6					0+3 P			Differ. Profes. Knowl.
SBANGP7327EN	CNC and CAM 2.	SBANGP6319EN	1		2	P		3	6					1+2 P			Differ. Profes. Knowl.
SBANGP6321EN	Manufacturing Technologies III.	-	2		2	P		4	6					2+2 P			Differ. Profes. Knowl.
SBANGP5129EN	Control techniques	SBANGP5314EN	2	E	2			5	6					2+2 E			Specialization
SBANGP6131EN	Heat Engines	SBANGP4125EN	2	E	1			4	6					2+1 E			Specialization
SBANGP6219EN	Coordinate-measuring techniques	SBANGP3118EN	1		1	P		2	6					1+1 P			Optional subject
SBANGP6317EN	Internal Combustion Engines	-	1	E	2			3	6					1+2 E			Differ. Profes. Knowl.
SBANGP2213EN	Lean	-	1		1	P		2	6					1+1 P			Optional subject
SBANGP6002SZEN	Diploma consultations	-				S		0	6								Diploma project
SBANGP5414EN	Management and corporate economics	-	4	E	0			4	6					4+0 E			Economy and human
SBANGP6329EN	Multibody modelling *	-	2		2	P		4	7						2+2 P		Differ. Profes. Knowl.
SBANGP7323EN	Manufacturing Technologies IV.	SBANGP5129EN	2		2	P		5	7						2+2 P		Differ. Profes. Knowl.
SBANGP7328EN	Vehicle maintenance	-	1		2	P		3	7						1+2 P		Differ. Profes. Knowl.
SBANGP7325EN	Vehicle Structures	SBANGP6317EN	1		2	P		3	7						1+2 P		Differ. Profes. Knowl.
SBANGP6003SZ	Diploma	SBANGP6002SZEN	0		15	S		15	7						0+15 S		Diploma project

E - Exam Mark (kollokvium)
P - Practical course mark (Gyakorlati jegy)
S - Instructor's signature (Aláírás)

* "Multibody modelling" is cancelled by the education council of Faculty of Informatics (Emlékeztető az Oktatási Bizottság 2021. május 11.-i üléséről) and a new subject "Modelling of technological processes" is introduced instead.