

Nukleáris építmények (Structures in Nuclear Power Plants) specializáció mintatanterve

	Code	Credit	Lecture	Seminar	Laboratory	Consultation	M/E	Semester
Core Subjects								
Advanced Mathematics	BMETE90MX33	3	2	1			E	1
Physics Laboratory	BMETE11MX22	1			1		M	2
Methods of Engineering Analysis	BMEEOHSMK51	3	1	1			M	1
Numerical Methods	BMEEOFTMK51	4			3		M	1
Nuclear and Reactor Physics Fundamentals	BMETE	5	3	1			E	1
Thermal Hydraulics of Nuclear Power Plants	BMETE	5	3	1			E	2
Soil-Structure Interaction	BMEEOGMMS52	5	3	1			M	1
Structures 1	BMEEOHSM51	5	3	1			E	1
Decision Supporting Methods	BMEEPEKMST4	2	2				M	3
Accounting, Controlling, Taxation	BMEGT35M014	2	2				M	3
Corporate Finance	BMEGT35M411	2	2				M	3
Engineering Ethics	BMEGT41M004	2	2				M	3
Optional Subjects		5						1
Specialization in Structures in Nuclear Power Plants								
Obligatory Subjects								
Nuclear Power Plants	BMETE	5	3	1			M	2
Extreme Actions on Structures	BMEEOHSMMA-1	3	2				E	2
Seismic Design	BMEEOHSMMA-3	4	2	1			M	2
Containment Building	BMEEOHSMMA-2	3	2				M	2
Elective Subjects		11						
Diploma Project	BMEEODHMT-D	20					M	3
Recommended Elective Subjects								
Structures in Nuclear Power Plants project	BMEEOHSMMA6P	5				2	M	2
Stability of Structures	BMEEOHSMMA-2	4	2	1			E	2
Structural Dynamics	BMEEOTMMN-1	4	2	1			M	2
Structures 2	BMEEOHSMMA-1	4	2	1			E	2
Applied Fracture Mechanics	BMEEOHSMMA61	4	2	1			M	2
Prestressing Technologies	BMEEOHSMMA62	3	1	1			M	2
Strengthening of Structures	BMEEOHSMMA63	3	1	1			M	2
Plasticity	BMEEOTMMN61	3	1	1			M	2
Nonlinear FEM	BMEEOTMMN62	3	2				M	2
Analysis of Rods and Frames	BMEEOTMMN63	3	1	1			M	2
Discrete Element Method	BMEEOTMMN64	3	1	1			M	2