



Requirements of subjects

BME Department of Structural Engineering			
1. Name of the subject, code	Reinforced Concrete Buildings. (BMEEOHSA-A2)		
2. Language of the education	English		
3. The goal of the subject	<p>Formation of reinforced concrete buildings, loads and effects, basics of earthquake design. Structural systems of high-rise buildings. Structural elements of the stiffening systems: shear walls, flat-slabs, cores, frames with masonry infill. Interaction of load bearing soils and structure.</p> <p>Formation of reinforced concrete halls, sizing of prefabricated structural elements.</p> <p>Formation of timber structures. Main structural elements of a timber hall. Timber halls with special constructional elements, stresses, analysis.</p>		
4. Specialization	structures		
5. Lecture /Practice./Laboratory/Credit/	3/1/0/5		
6. Required previous exams	Reinforced Concrete Structures II. (BMEEOHSA08)		
7. Proposed semester	7		
8. Cross semester	yes		
9. Lecturer	Dr. Zsolt Huszár, Dr. István Haris		
10.a Presence on lectures (%)	70 %		
10.b Presence on practices (%)	70 %		
10.c Control of presence	occasionally		
11. Condition of the subscript	Submission of the 3 home works, 70% presence on lectures and practices		
12. Number of the test, week	No test		
13.a Number of design works/home works	3 Home works		
13. Release of home works	1. release: 3. week	2. release: 8. week	3. release: 12. week
13.c Submission and supplement of home works	1. submitting: 9. week	2. submitting: 12. week	3. submitting: 14. week
	1. supplement: 10. week	2. supplement: 13. week	3. supplement: supplementation week
15. The Exam	Written + oral		
16. Marks	<p>Design work I. 10%</p> <p>Design work II. 10%</p> <p>Design work III. 10%</p> <p>Exam 70%</p> <p>excellent (5) 86 ≤ - ≤ 100 %</p> <p>good (4) 74 ≤ - < 85 %</p> <p>satisfactory (3) 63 ≤ - < 73 %</p> <p>passed (2) 50 ≤ - < 62 %</p> <p>failed (1) 0 ≤ - < 50 %</p>		