

Code	SIE561
Name	Advanced Reinforced Concrete
Hour per week	3 (3 + 0)
Credit	3
ECTS	7,5
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	
Coordinator(s)	
Description:	The main objective of this course is to examine the advanced design and behavior of reinforced concrete structures under various loads in a more extensive and detailed way. For this course, it is envisaged that students have already taken reinforced concrete design course in BS degree. Therefore, this course consists of bearing walls, shear walls, reinforced concrete design under torsional stresses, advanced reinforced concrete flooring design, and earthquake regulations for reinforced concrete structures.