

Code	<b>SIE541</b>
Name	<b>Biodegradation and Biodiversity in Concrete Structures</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	
Coordinator(s)	
Description:	In the first part of the course, biological processes affecting concrete and stone structures and degradation mechanisms are emphasized. In the second chapter, the issues related to the improvement of building materials by using biological processes are discussed. Protection of the surfaces of historic buildings by biogenic applications, repair and rehabilitation of concrete structures by biogenic ways are discussed.