

Code	<b>SIE570</b>
Name	<b>Sustainable Superstructure</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	7,5
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	
Coordinator(s)	
Description:	This course consists of design, construction and maintenance of flexible (asphalt) and rigid (concrete) road superstructures within the framework of sustainability principles. Course content includes the concept of sustainability of the road superstructure, sustainable materials for the road superstructure, design and construction of sustainable road pavements, conservation-maintenance and rehabilitation applications, life cycle analysis of sustainable road pavements.