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Code	<b>BENG518</b>
Name	<b>BIOMATERIALS</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / Anytime
Semester	Fall and Spring
Type	Elective
Prerequisites	-
Content	The objective of this course is teaching students about general properties of biomaterials in different medical applications. Upon taking this course, students get knowledge about general concepts in materials science and learn material types and selection criteria as well as the way of interdisciplinary work. They can follow up-to-date topics during lectures. This course covers material types and characterizations, body response, biocompatibility issues and improvement strategies and application sites in the body such as soft and hard tissues.

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