
Code	BENG527
Name	Biosensors
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / Anytime
Semester	Fall and Spring
Type	Elective
Prerequisites	-
Content	Biosensors course aims to give basic information about how to develop biosensors consisting biological compounds and a transducer part. Students will able to learn different types of biosensors including enzymatic biosensors, immunosensors, nucleic acid sensors, optical biosensors, cell based biosensors, electrochemical biosensors. Different types of measurement methods and immobilization techniques will be discussed.
