
Code	MSME 645
Name	Biosensors
Hour per week	3 (Theory + Practice)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall/Springs
Type	Elective
Prerequisites	
Content	<ul style="list-style-type: none">• Nano/Micro technology applications for Biosensing• Materials and specifications• Surface properties• Transduction mechanisms• Microfluidics• Micro/nano biosensors• Standard laboratory methods for biosensing• Cantilever/Carbon Nanotube Biosensors• Target based Biosensing
