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Code	<b>ECE 645</b>
Name	<b>Biosensors</b>
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"><li>• Nano/Micro technology applications for Biosensing</li><li>• Materials and specifications</li><li>• Surface properties</li><li>• Transduction mechanisms</li><li>• Microfluidics</li><li>• Micro/nano biosensors</li><li>• Standard laboratory methods for biosensing</li><li>• Cantilever/Carbon Nanotube Biosensors</li><li>• Target based Biosensing</li></ul>

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