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Code	<b>523</b>
Name	<b>Photonics</b>
Hour per week	3+0 (Theory + Practice)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall
Type	Elective
Prerequisites	None
Content	Photonics course intends to focus on basic concepts of light and photonics with their applications. This course includes contents from electromagnetic spectrum and its properties; beam optics and beam propagation; polarization of light; generation and detection of light; modulation of light via electro optic and acousto optic modulators; fiber optic cable and transmission of light through fiber optic cable.

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