

<h2 style="margin: 0;">Department of Physics</h2> <h3 style="margin: 0;">Photonics</h3> <p style="margin: 0;">Fall Semester</p>
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COURSE	HOURS	ECTS
<b>COURSE UNIT 1: LASERS AND NON-LINEAR OPTICS</b>		
<a href="#">Lasers and Femtosecond Techniques</a>	19	2
<a href="#">Non-linear Optics</a>	20	2
<a href="#">High-Power Lasers and Applications</a>	21	2
<b>COURSE UNIT 2: MICRO AND NANOPHOTONICS</b>		
<a href="#">Metamaterials and Photonic Crystals</a>	16	2
<a href="#">Micro- and Nano-manufacturing</a>	13	1
<a href="#">Advances Microscopy</a>	13	1
<a href="#">Plasmonic and Bio-applications</a>	16	2
<b>COURSE UNIT 3: METROLOGY</b>		
<a href="#">Optical Metrology</a>	28	3
<a href="#">Interferometric Systems and Imaging</a>	21	2
<a href="#">Photonic Signal Processing</a>	13	1
<b>COURSE UNIT 4: DEVICES AND SYSTEMS</b>		
<a href="#">Diffractive Optical Devices and CAD Tools</a>	24	2
<a href="#">Biomedical Optics</a>	20	2
<b>COURSE UNIT 5: R&amp;D PROJECT</b>		
<a href="#">Research and Development Project</a>	50	5
<b>COURSE UNIT 6: FRENCH LANGUAGE AND INTERCULTURALITY</b>		
French Language	25	2
Interculturality	15	1
<b>TOTAL</b>	<b>322</b>	<b>30</b>