

5.0 credits	45.0 h + 15.0 h	1q
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Teacher(s) :	Urbain Xavier ; Piotrkowski Krzysztof (coordinator) ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<ul style="list-style-type: none"> <li>- Introduction to the measure theory</li> <li>- Physical parameter measure, microscopic and macroscopic</li> <li>- Detectors : principals and use</li> </ul>
Aims :	<p>The objective of the course is to familiarize the student with some experimental methods of modern physics and especially corpuscular physics (particle physics, nucleuses, atoms or molecules). Certain methods are encountered by the student that is doing a thesis in an experimental unit of the physics department.</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Other infos :	<p>Prerequisites: general physics.</p> <p>Openings: the course prepares students to experimental research in corpuscular physics.</p> <p>Exercise sessions are consecrated to the critic, by students, of an experience realized in laboratory.</p>
Cycle and year of study :	<ul style="list-style-type: none"> <li>&gt; <a href="#">Bachelor in Physics</a></li> <li>&gt; <a href="#">Bachelor in Geography : General</a></li> <li>&gt; <a href="#">Bachelor in Economics and Management</a></li> <li>&gt; <a href="#">Bachelor in Mathematics</a></li> <li>&gt; <a href="#">Bachelor in Engineering</a></li> <li>&gt; <a href="#">Master [120] in Physics</a></li> <li>&gt; <a href="#">Master [60] in Physics</a></li> <li>&gt; <a href="#">Master [120] in Physical Engineering</a></li> </ul>
Faculty or entity in charge:	PHYS