

5.00 credits

0 h + 30.0 h

Q1 and Q2

Teacher(s)	Crucifix Michel ;de Wasseige Gwenhaël ;
Language :	English > French-friendly
Place of the course	Louvain-la-Neuve
Main themes	The student is asked to attend three series of physics seminars : (1) seminars on subjects of general interest or hot topics in physics, (2) in-depth seminars on research topics related directly or indirectly to the student's Master's thesis and (3) seminars given by former physics students on their experience of professional integration.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>a. Contribution of the teaching unit to the learning outcomes of the programme (PHYS2M) 3.1, 3.2, 3.3 4.1, 4.2 5.1, 5.2, 5.3 7.2, 7.3, 7.4, 7.5, 7.6 8.1</p> <p>1 b. Specific learning outcomes of the teaching unit At the end of this teaching unit, the student will be able to :</p> <ol style="list-style-type: none"> 1. report on recent advances in physics research ; 2. structure an oral physics presentation showing the key elements of the subject ; 3. convince an audience composed of scientists of the relevance of a result in physics ; 4. take a step back on his/her training in physics ; 5. anticipate the problems of employability at the end of his/her studies.
Evaluation methods	<p>The student is required to attend all seminars corresponding to points (1) and (3) mentioned in the "objectives" section above and a minimum of five seminars corresponding to point (2).</p> <p>They must keep a list of the seminars they attend, and obtain the signature of a member of the academic staff present for each seminar attended. Exceptionally, for duly justified reasons, one or more seminars from the lists (1) and (3) can be followed online.</p> <p>The teaching unit will only be credited upon compliance with this procedure.</p> <p>In addition, the student submits in week 10 of the second semester a two-page summary + bibliography of one of the seminars on the lists (1), (2), and (3). This report is evaluated (scientific quality, quality of writing) and will be the subject of feedback during a session organized by the co-holders in week 12 or 13 of the second quadrimester. Attending this session is mandatory.</p>
Teaching methods	Seminars and written presentation
Content	<p>The content of the seminars changes from year to year depending on the speakers.</p> <p>The seminars to follow are of three categories: (1) so-called "generalist" seminars, compulsory, with scientific content accessible to any student in a Physics Master's degree (2) specialized physics seminars (3) professional preparation seminars, generally led by a physicist active in the professional world</p> <p>An information session on the organization of the course is scheduled for week 3.</p>
Faculty or entity in charge	PHYS

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Physics	PHYS2M	5		