

8.00 credits

12.0 h + 36.0 h

Q1

Teacher(s)	Morsomme Pierre ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	The activity consists in a series of three stays, each spread over two weeks, during which the student will be confronted to research activities connected to three of the Master options: Biochemistry, molecular and cellular Microbiology, molecular and cellular plant Biology, and molecular and cellular animal Biology. During these stays, the student will not perform experimental work, although he will be invited to assist people in the lab. He will be asked to familiarise with ongoing research projects through recommended reading of recent scientific literature as well as through formal and informal discussions with members of the research team.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>This "freshman tour" consists in short stays in laboratories representative of each of the four options opened to student enrolled into the Master in Biochemistry, Molecular and Cellular Biology. Its aim is to update the student about current research projects, methodological approaches and practices in each of the fields. This immersion into the daily life of the laboratories will help the student in making well-informed decisions regarding their final orientation and the choice of a laboratory and supervisor for the thesis.</p> <p>1</p>
Evaluation methods	<p>For each of the three internships :</p> <p>Evaluation of the competences met by the student according to a series of criteria corresponding to the competences of a good scientist: searching for information, ability to analyze, synthesize, criticize, being involved in a team spirit. Evaluation of the research report/project and discussion with the supervisor (for 3/5 of the points)</p>
Content	Three stays, each two weeks long, during which the student is associated to a researcher in his/her daily life in the lab. The student will not perform experimental work, but will follow the work of his/her mentor. For each stay, the student will be present at least for 36 hours in the lab (18 hours/week). These two weeks spent in the lab are followed by a third one during which the student will prepare a short report. This report will correspond to a research project to be conceived as the continuation of the research he has been associated to during his stay in the lab.
Other infos	<p>Precursory courses : Bachelor</p> <p>Support :</p> <p>A vademcum is available for this activity - Bibliographical resources, activity reports, etc will be made available to the student in each visited lab.</p> <p>Teaching team :</p> <p>For each training period : a promoter (head of the lab) and a supervisor are nominated for each internship.</p> <p>Use of AIs:</p> <p>Generative artificial intelligence (AI) must be used responsibly and in accordance with the practices of academic and scientific integrity.</p>
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biochemistry and Molecular and Cell Biology	BBMC2M	8		