

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 30.0 h	Q1
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Teacher(s)	Glinel Karine (coordinator) ;Luis Alconero Patricia ;Norberg Valérie ;Pouyez Jenny ;
Language :	French
Place of the course	Charleroi
Aims	<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>
Evaluation methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> Students are evaluated on the basis of: 1) their work during the quarter and 2) a final exam. The final grade will be based on: - a written exam at the end of the semester - a written quiz during the semester - two laboratory reports Participation in the practical works and tests organized during the course is mandatory.
Teaching methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> The course is based on : - Lectures given in person and/or by video-conference - video clips describing some concepts covered during the course - exercise sessions - practical work sessions (laboratories).
Content	The first part of the course deals with the elements of general chemistry and thermodynamics for the understanding of chemical structures, interactions and reactivity. In a second part, the main classes of organic compounds will be presented as well as the main chemical reactions useful to understand some biochemical or biological phenomena.
Inline resources	The slides used during the lectures, the video capsules as well as the statements of the exercises and labs are made available via Moodle: <a href="https://moodleucl.uclouvain.be/course/view.php?id=14880">https://moodleucl.uclouvain.be/course/view.php?id=14880</a>
Bibliography	Les ouvrages suivants sont recommandés : 1- Chimie générale, une approche moléculaire, 2e édition   (Français) Broché – 27 avril 2018 de Julie Vézina (Adapté par), Nivaldo J. Tro (Avec la contribution de), Jean-Marie Gagnon (Avec la contribution de) 2- Chimie organique simple et intuitive - David Klein – Traduction française P. Depovere – Edition Deboeck.
Other infos	The student taking this course must have basic notions of chemistry such as the notion of mole, atomic, molar and relative molecular mass, Avogadro number, density, concentration and density. He/she must also know the symbols of chemical elements, the nomenclature used in general chemistry and the main organic chemical functions.
Faculty or entity in charge	EPL

### Force majeure

Teaching methods	The course is based on : - Lectures given by video-conference - video clips describing some concepts covered during the course - exercise sessions by video-conference - practical work sessions (laboratories) given in person or by video-conference. - All the videos of the course are available on Moodle
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<p>Evaluation methods</p>	<p>Students are evaluated on the basis of:</p> <ol style="list-style-type: none"> <li>1) their work during the semester and</li> <li>2) a final exam.</li> </ol> <p>The final grade will be based on:</p> <ul style="list-style-type: none"> <li>- an oral exam at the end of the semester done by video-conference (16 points)</li> <li>- an oral quiz during the semester that will be done by video-conference and that will give a bonus of 2 points for the final quote if the quote obtained for the quiz is higher than or equal to 12/20.</li> <li>- two laboratory reports (4 points)</li> </ul> <p>Participation in the practical works and quizz organized during the course is mandatory.</p> <p>The final evaluation will focus on all the material seen through the course and the practical works during the semester. It will consist of an oral exam for which a preparation time (during which the student will be proctored by video-conference) will be allowed. In addition, the exam will be an open book exam insofar as no check will be done by the professor on the document used by the student during the exam.</p>
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<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Computer Science	<a href="#">SINC1BA</a>	5		