





4.0 credits

37.5 h + 7.5 h

1q

|                              |   |
|------------------------------|---|
| Teacher(s) :                 | Devillers Michel ; Hermans Sophie (compensates Devillers Michel) ;  |
| Language :                   | Français  |
| Place of the course          | Louvain-la-Neuve  |
| Prerequisites :              | <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>  |
| Main themes :                | <ul style="list-style-type: none"> <li>- Complements of general and theoretical chemistry allowing to give a more detailed description of chemical bonding in inorganic compounds</li> <li>- Fundamental concepts of coordination chemistry from the point of view of structure, physico-chemical properties and reactivity</li> <li>- Introduction to organometallic chemistry of transition metals</li> </ul>   |
| Aims :                       | <p>This course aims at deepening the notions of general inorganic chemistry given during the first two years, and mastering the main basic concepts of coordination chemistry including organometallic chemistry.</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> |
| Faculty or entity in charge: | CHIM  |

| <b>Programmes / formations proposant cette unité d'enseignement (UE)</b> |           |         |  |   |
|--|-----------|---------|--|---|
| Intitulé du programme  | Sigle     | Credits | Prerequis  | Acquis d'apprentissage  |
| Minor in Chemistry   | LCHIM100I | 4       | -  |  |
| Master [120] in Biochemistry and Molecular and Cell Biology              | BBMC2M    | 4       | -  |  |
| Bachelor in Chemistry  | CHIM1BA   | 4       | LCHM1211 and LCHM1252 and<br>LCHM1251B and LCHM1251C |  |
| Master [60] in Biology   | BIOL2M1   | 4       | -  |  |