

**Block view of the study programme**

Or Th Pr Au Cr

**Block 1**

**Compulsory courses**

|            |   |    |                     |                  |                  |          |
|------------|---|----|---------------------|------------------|------------------|----------|
| CHIM0620-1 | <i>Radiopharmaceutical Chemistry</i> - Thibault GENDRON   | Q1 | 20                  | 10               | -                | <b>3</b> |
| RADL0440-1 | <i>Radiobiology</i> - Chantal HUMBLET, Philippe MARTINIVE   | Q2 | 20                  | 10               | -                | <b>4</b> |
| CHIM0621-2 | <i>Production and application of radioelements</i> - Thibault GENDRON - [3d FW]   | Q2 | 15                  | -                | [+]              | <b>3</b> |
| RADP0141-1 | <i>Radioprotection</i><br>- Part a) <i>Radioprotection techniques and complements</i> - Véra PIRLET<br>- Part b) <i>Legislation on radioprotection and the organisation of a radiotherapy, radiodiagnostic and nuclear medicine department</i> - Véra PIRLET  | Q2 | 30<br>10            | 15<br>-          | -<br>-           | <b>6</b> |
| PHYS0071-1 | <i>Experimental bases of nuclear physics and detection of radiation</i> - Laurent DREESEN   | TA | 20                  | -                | -                | <b>2</b> |
| PHYS0072-1 | <i>Nuclear detection</i> - David STRIVAY  | TA | 10                  | 8                | -                | <b>1</b> |
| PHYS0990-1 | <i>Dosimetry</i> - Véronique BAART, Luca PELLEGRINI   | Q2 | 20                  | -                | -                | <b>2</b> |
| PHYS0952-3 | <i>Imaging through ionising radiation</i> - Alain SERET   | Q1 | 25                  | 5                | -                | <b>2</b> |
| MCER2048-1 | <i>Radiopharmacy</i><br>- <i>Aspects technologiques particuliers pour les médicaments radiopharmaceutiques</i> - Mallory SALVÉ<br>- <i>Radiopharmacologie des médicaments radiopharmaceutiques</i> - Mallory SALVÉ<br>- <i>Aspects réglementaires particuliers des médicaments radiopharmaceutiques</i> - Mallory SALVÉ<br>- <i>Analyse et contrôle de qualité appliqués aux médicaments radiopharmaceutiques</i> - Mallory SALVÉ | TA | 10<br>15<br>5<br>10 | -<br>-<br>-<br>- | -<br>-<br>-<br>- | <b>8</b> |
| MCER2049-1 | <i>Nuclear medicine</i><br>- <i>Diagnostic aspects</i> - Pierre LOVINFORSE<br>- <i>Therapeutic aspects</i> - Pierre LOVINFORSE  | TA | 11<br>4             | -<br>-           | -<br>-           | <b>2</b> |
| MCER2050-1 | <i>Quality assurance and pharmaceutical management</i><br>- <i>Principes de management pharmaceutique</i> - Walid EL AZAB<br>- <i>Assurance qualité, partim a : Concepts de base et organisation de l'assurance qualité</i> - Roland MARINI DJANG'EING'A, Joëlle WIDART<br>- <i>Assurance qualité, partim b : Technologie analytique des procédés et analyse des risques</i> - Joëlle WIDART, Eric ZIEMONS                        | TA | 10<br>20<br>7,5     | -<br>-<br>-      | -<br>-<br>-      | <b>5</b> |
| MSTG9050-1 | <i>Internship</i><br>- <i>Centre TEP/Cyclotron</i> - COLLÉGIALITÉ - [1w Internship]<br>- <i>Service center of nuclear medicine</i> - COLLÉGIALITÉ - [1w Internship]   | -  | -                   | -                | [+]<br>[+]       | <b>6</b> |