

#### Cycle view of the study programme

**Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 41Cr)**

|            |   |    | B1 | Or  | Th  | Pr | Au | Cr        |
|------------|---|----|----|-----|-----|----|----|-----------|
| BIOL0006-2 | <i>Biology</i> - Marc THIRY   |    | B1 | Q1  | 30  | 40 | -  | <b>8</b>  |
| BIOL2003-1 | <i>Animal Biology</i>   |    | B1 | Q2  | 45  | 35 | -  | <b>9</b>  |
| BIOL2004-1 | <i>Plant biology</i> - Claire REMACLE   |    | B1 | Q2  | 30  | 35 | -  | <b>8</b>  |
| BIOL0864-1 | <i>Concepts of biological evolution</i>   |    | B1 | Q1  | 15  | -  | -  | <b>2</b>  |
| MATH0509-1 | <i>General mathematics I</i> - Arnout VAN MESSEM                                  |    | B1 | Q1  | 25  | 30 | -  | <b>6</b>  |
| STAT0807-1 | <i>Descriptive statistics</i> - Arnout VAN MESSEM                                 |    | B1 | Q1  | 10  | 10 | -  | <b>2</b>  |
| PHYS0985-1 | <i>General physics I</i> - Philippe GHOSEZ  |    | B1 | Q2  | 45  | 40 | -  | <b>8</b>  |
| CHIM0737-1 | <i>Chemistry</i>  |    | B1 | Q1  |     |    |    | <b>7</b>  |
|            | - <i>Theory</i> - Rudi CLOOTS   | 30 |    | -   | -   |    |    |           |
|            | - <i>Practice</i> - Rudi CLOOTS   | -  | 40 | -   |     |    |    |           |
| CHIM0741-1 | <i>Organic chemistry</i> - Rudi CLOOTS  |    | B1 | Q2  | 50  | 30 | -  | <b>8</b>  |
| LANG2967-1 | <i>English: introduction</i> (english language) - Véronique DOPPAGNE              |    | B1 | Q1  | 30  | -  | -  | <b>2</b>  |
| BIOL0518-1 | <i>Biodiversity and ecology</i>   |    | B2 | TA  |     |    |    | <b>10</b> |
|            | - <i>Notions and concepts</i> - Gabriel CASTILLO CABELLO,                         | 60 |    | -   | -   |    |    |           |
|            | Bruno FREDERICH, Eric PARMENTIER  |    |    |     |     |    |    |           |
|            | - <i>Field training courses</i> - [11d FW]  | -  | -  | -   | [+] |    |    |           |
| BIOL0019-1 | <i>Introduction to animal embryology</i> - Virginie GRIDELET                      |    | B2 | Q2  | 25  | -  | -  | <b>3</b>  |
| GENE0201-2 | <i>Genetics</i> - Claire REMACLE  |    | B2 | Q1  | 30  | 15 | -  | <b>4</b>  |
| BIOL0026-1 | <i>Vegetal cellular physiology</i> - Patrick MOTTE                                |    | B2 | Q2  | 30  | 20 | -  | <b>4</b>  |
| BIOL0215-1 | <i>Cell physiology and animals histology</i> - JeanChristophe PLUMIER, Marc THIRY |    | B2 | Q1  | 30  | 20 | -  | <b>4</b>  |
| BIOC0204-1 | <i>Biochemistry and thermodynamics of biological systems</i> - Moreno GALLENI     |    | B2 | Q2  | 40  | 20 | -  | <b>5</b>  |
| GEOL0311-1 | <i>Geology and paleontology</i>   |    | B2 | Q2  |     |    |    | <b>5</b>  |
|            | - <i>Theory and practice</i> - Emmanuelle JAVAUX                                  | 25 | 15 | -   |     |    |    |           |
|            | - <i>Field work</i> - Emmanuelle JAVAUX - [4d FW]                                 | -  | -  | [+] |     |    |    |           |
| MATH0009-6 | <i>General mathematics II</i> - Françoise BASTIN                                  |    | B2 | Q2  | 15  | 15 | -  | <b>3</b>  |
| PHYS0986-1 | <i>General physics II</i> - Alejandro SILHANEK                                    |    | B2 | Q1  | 45  | 35 | -  | <b>6</b>  |
| STAT0808-1 | <i>Inferential statistics</i> - Samuel NICOLAY                                    |    | B2 | Q1  | 20  | 20 | -  | <b>3</b>  |
| CHIM0254-1 | <i>Biological analytical chemistry</i> - Gauthier EPPE                            |    | B2 | Q1  | 20  | 40 | -  | <b>5</b>  |
| INFO0205-2 | <i>Introduction to IT and applications to biology</i> - Patrick MEYER             |    | B2 | Q2  | 12  | 18 | -  | <b>3</b>  |
| LANG0076-6 | <i>English 1</i> (english language) - Véronique DOPPAGNE, Philippe JEUKENNE       |    | B2 | TA  | 45  | -  | -  | <b>3</b>  |
| MICR0719-1 | <i>Introduction to microbiology</i> - François BEAUFAY, N...                      |    | B2 | Q1  | 10  | 10 | -  | <b>2</b>  |
| ZOOL0205-1 | <i>Ethology and animal psychology</i>   |    | B3 | Q1  | 30  | -  | -  | <b>3</b>  |
| MICR0720-1 | <i>Phycology and mycology</i> - Denis BAURAIN                                     |    | B3 | Q1  | 20  | 10 | -  | <b>3</b>  |
| MICR0721-1 | <i>Bacteriology</i> - François BEAUFAY, N...                                      |    | B3 | Q1  | 20  | 10 | -  | <b>3</b>  |
| MICR1716-1 | <i>Virology</i> - Catherine SADZOT  |    | B3 | Q2  | 20  | -  | -  | <b>2</b>  |
| BIOL0216-1 | <i>Animal physiology</i>  |    | B3 | Q1  | 60  | 30 | -  | <b>7</b>  |
| BIOL0217-1 | <i>Vegetal physiology</i>   |    | B3 | Q2  |     |    |    | <b>5</b>  |
|            | - <i>Theory</i> - Claire PÉRILLEUX  | 35 | -  | -   |     |    |    |           |
|            | - <i>Practice</i> - Claire PÉRILLEUX  | -  | 20 | -   |     |    |    |           |
| IMMU0521-1 | <i>Immunology</i> - Catherine SADZOT  |    | B3 | Q2  | 25  | 20 | -  | <b>3</b>  |

# Study programmes 2024-2025

## Faculty of Sciences

### Bachelor in biology

|            |  |    |    |    |    |     |   |
|------------|--|----|----|----|----|-----|---|
| PHIL1227-1 | <i>Philosophy and bioethics</i><br>- <i>Eléments de philosophie des sciences</i> - N...<br>- <i>Bioéthique</i> - Florence CAEYMAEX, Patrick DU JARDIN,<br>Marc VANDENHEEDE | B3 | Q2 |    |    |     | 2 |
| DOCU0033-2 | <i>Training in the exploitation of documentary resources in biology</i>  | B3 | Q1 | 8  | 12 | -   | 2 |
| STAT0750-1 | <i>Multivariate statistical analysis (software R)</i> - Arnout VAN MESSEM  | B3 | Q2 | 10 | 10 | -   | 3 |
| STAT0077-1 | <i>Computing analysis and processing of biological data</i> - Patrick MEYER  | B3 | Q1 | 25 | -  | -   | 2 |
| LANG0077-8 | <i>English 2 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE,<br>Ellen HARRY   | B3 | Q1 | 24 | -  | -   | 2 |
| AESS0320-1 | <i>Initiation to biology didactics</i> - MarieNoëlle HINDRYCKX   | B3 | Q2 | 20 | 20 | -   | 2 |
| DURA0005-1 | <i>Sustainability and transition</i> - Sybille MERTENS DE WILMARS - [8h<br>Mon. WS]  | B3 | TA | 12 | -  | [+] | 2 |

#### Optional courses (B3 : 19Cr)

Choose, in accordance with the Jury, 1 option among : (B3 : 1Nbr)

##### Option Biochemistry and Molecular and Cellular Biology (B3 : 19Cr)

|            |   |    |    |    |    |     |   |
|------------|---|----|----|----|----|-----|---|
| GENE9002-1 | <i>Molecular biology of gene I</i> - Franck DEQUIEDT                                  | B3 | Q1 | 30 | -  | -   | 3 |
| GENE9003-1 | <i>Molecular biology of gene II</i> - Franck DEQUIEDT - [1d Internship]               | B3 | Q2 | 30 | 30 | [+] | 6 |
| BIOC9242-1 | <i>Biological macromolecules chemistry , Part A</i> - Moreno GALLENI,<br>Loïc QUINTON | B3 | Q1 | 40 | -  | -   | 4 |
| BIOC9243-1 | <i>Equilibria in biochemistry and enzime kinetics</i> - André MATAGNE                 | B3 | Q2 | 20 | 40 | -   | 4 |
| BIOL0024-1 | <i>Molecular physiology of the cell</i> - Patrick MOTTE                               | B3 | Q2 | 15 | 15 | -   | 2 |

##### Option Biology of Organisms and Ecology (B3 : 19Cr)

|            |   |    |    |    |    |     |   |
|------------|---|----|----|----|----|-----|---|
| BIOL2037-1 | <i>Introduction to evolutionary biology</i> - [1d FW]   | B3 | Q2 | 25 | 25 | [+] | 4 |
| BIOL2038-1 | <i>Soil ecology and microbiology</i> - [1d FW]  | B3 | Q1 | 25 | 10 | [+] | 3 |
| BIOL2039-1 | <i>Freshwater ecology</i><br>- <i>Theory</i><br>- <i>Internship</i> - [4d FW]                         | B3 | Q2 | 18 | 2  | -   | 3 |
|            |   |    |    | -  | -  | [+] |   |
| BIOC9244-1 | <i>Genetics and introduction to molecular ecology</i> - Marc HANIENNE                                 | B3 | Q1 | 20 | 10 | -   | 2 |
| BIOL0031-1 | <i>Introduction to oceanography</i>   | B3 | Q2 | 15 | -  | -   | 2 |
| STRA0045-1 | <i>Training in scientific communication</i> - Monique CARNOL,<br>Carole ROUGEOT - [30h Mon. WS]       | B3 | Q2 | 10 | -  | [+] | 3 |
| BIOL0867-1 | <i>Introduction to aquaculture and managing aquatic resources</i> -<br>Michaël OVIDIO, Carole ROUGEOT | B3 | Q2 | 15 | -  | -   | 2 |

#### Optional free courses (B2 : 4Cr)

|            |   |    |    |    |    |   |   |
|------------|---|----|----|----|----|---|---|
| OCEA0053-1 | <i>Study of Oceans and Coastal Management</i> | B2 | Q2 | 15 | 25 | - | 4 |
|------------|---|----|----|----|----|---|---|

#### Learning support activities (B1 : 1Cr)

##### A destination des étudiant·e·s ayant acquis moins de 30 crédits

Cross-disciplinary activities

|            |   |    |    |   |   |     |   |
|------------|---|----|----|---|---|-----|---|
| IREM0009-1 | <i>Hebdo MethodO: additional support linked to the context of repeating a year</i> - Sylviane HUBERT, AnneFrance LANOTTE - [5h REM] | B1 | TA | - | - | [+] | - |
| IREM0010-1 | <i>Getting B1 off to a good start</i> - Sylviane HUBERT,<br>AnneFrance LANOTTE - [2h REM]   | B1 | Q1 | - | - | [+] | - |
| IREM0018-1 | <i>Maintaining or rediscovering your motivation if you have to repeat a year (Q1)</i> - Céline MATHY, Sandrine WUIDART - [2h REM]   | B1 | Q1 | - | - | [+] | - |

LREM0010-1 *Taking stock of your skills in French (Q1)* - Samia HAMMAMI, B1 Q1 - - - [+] -  
Frédéric SAENEN - [15h REM]

**A destination des étudiant·e·s en allègement (art. 150)**

- Pour consulter la liste des cours, cliquez sur ce lien : <https://www.student.uliege.be/student/remediations-allegement150>
- Pour ajouter ces cours à votre PAE, veuillez vous adresser à votre apparitorat

**A destination de tous les étudiant·e·s du bloc 1**

- Pour consulter la liste des cours, cliquez sur ce lien : <https://www.student.uliege.be/student/remediations-toutpublic>
- Pour ajouter ces cours à votre PAE, veuillez vous adresser à votre apparitorat