

**Block view of the study programme**

Or Th Pr Au Cr

**Block 1**

**Compulsory courses**

|            |  |    |                      |                |                    |   |
|------------|--|----|----------------------|----------------|--------------------|---|
| ZOOL0224-3 | <i>Fish, mollusc and crustacean systematics and anatomy</i> - Bruno FREDERICH, Frédéric SILVESTRE - [8h Vis.]  | Q1 | 15                   | 7              | [+]                | 2 |
| VETE2006-1 | <i>Biostatistics</i><br>- Part 1 - Frédéric FARNIR<br>- Part 2 - Eric DEPIEREUX  | Q1 | 10<br>10             | 5<br>15        | -<br>-             | 3 |
| ZOOL2015-1 | <i>Biological bases of aquaculture and fisheries science</i> - Charles MÉLARD, Carole ROUGEOT  | Q1 | 45                   | 58             | -                  | 6 |
| HULG2012-2 | <i>Fish and shellfish nutrition and feeding</i> - Patrick KESTEMONT  | Q1 | 20                   | 45             | -                  | 3 |
| ZOOL2000-1 | <i>Ecology, production and management of aquatic ecosystem</i><br>- part : plants and numerical analysis - Frederik DE LAENDER<br>- part : zooplankton and invertebrates - Célia JOAQUIMJUSTO<br>- part : fisheries management and fisheries biology in inland waters - Bruno KESTEMONT, Michaël OVIDIO  | Q1 | 10<br>10<br>25       | 10<br>10<br>20 | -<br>-<br>-        | 8 |
| ENVT0057-1 | <i>Elements of aquatic ecotoxicology</i><br>- Fresh waters - Patrick KESTEMONT, Frédéric SILVESTRE<br>- Marine - Sylvie GOBERT   | Q1 | 12<br>5              | 8<br>-         | -<br>-             | 2 |
| VETE2004-1 | <i>Fish and crustaceans diseases</i> - Thierry JAUNIAUX  | Q2 | 15                   | 10             | -                  | 2 |
| VETE2007-1 | <i>Management of the quality and safety of foodstuffs derived from aquaculture and fishing</i> - Antoine CLINQUART, Véronique DELCENSERIE, Nicolas KORSAK KOULAGENKO, MarieLouise SCIPPO - [5h Vis.]   | Q2 | 15                   | -              | [+]                | 2 |
| ZOOL2003-1 | <i>Rearing systems</i><br>- part : integrated and semi-intensive systems - Patrick KESTEMONT<br>- Intensive systems - Charles MÉLARD - [16h Vis.]<br>- Genetic improvement in aquaculture - Tom DRUET, Frédéric FARNIR<br>- Fishing and aquaculture in countries in the south ç Chaire Sud - Patrick KESTEMONT, Charles MÉLARD                     | Q2 | 20<br>20<br>10<br>15 | 6<br>4         | -<br>[+]<br>-<br>- | 6 |
| ZOOL0006-1 | <i>Aquatic animal production science</i><br>- part : larviculture and production of live prey - Robert MANDIKI<br>- part : production of temperate fish and tropical fish - Charles MÉLARD<br>- part : algae, molluscs, crustaceans - Christian MICHEL<br>- part : aquariology, production and management of ornamental species - Christian MICHEL | Q2 | 10<br>15<br>15<br>5  | 5<br>38<br>-   | -<br>-<br>-        | 5 |
| GEST1099-1 | <i>Socio-economic and legal management</i><br>- part : training to entrepreneurship - Anne BILS<br>- part : socio-economic aspects - Nicolas ANTOINEMOUSSIAUX<br>- part : water protection in international and European law - Charlotte DE CALLATAY, Xavier THUNIS  | Q2 | 8<br>15<br>7         | -<br>-         | -<br>-             | 4 |
| DOCU0047-1 | <i>Training in bibliographic research and in writing a final work</i> - Robert MANDIKI, Carole ROUGEOT   | Q2 | 10                   | 8              | -                  | 2 |

According to the objectives of the student and in agreement with the Jury, choose one of the two study options below :

**Applied study path**

STFE2005-1 *Project* - COLLÉGIALITÉ TA - - - 15

**Research study path**

STFE2001-1 *Final work* - COLLÉGIALITÉ TA - - - 15