## Master of Science in Behaviour, Evolution and Conservation
### Specialisation Computational Ecology and Evolution
### Examination programme 2017-2018

#### MODULE 1

<table>
<thead>
<tr>
<th>Theoretical part</th>
<th>Compulsory courses</th>
<th>Coefficients</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Advanced Data Analysis in Biology I+II</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Introduction into Scientific Writing</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Molecular Genetics</td>
<td>3.5</td>
</tr>
<tr>
<td></td>
<td>Populations Genetic and Dynamic</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>Programming for Bioinformatics</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Spatial Analysis and GIS in Ecology</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**Final mark** : Average weighted by coefficients of the grades for compulsory courses (coefficients correspond to ECTS credits)

#### MODULE 2

**Practical part** : First Step Project

**Final mark** : Arithmetic average of the grades for the practical assessments

**Success conditions for modules 1 and 2**
- Module 1 : final mark ≥ 4.0 and no more than one grade under 4.0 in the compulsory courses and
- Module 2 : final mark ≥ 4.0 and no more than one grade under 4.0

#### MODULE 3

**Optional courses (choice of n courses among all proposed)**

- Optional course 1
- Optional course 2
- Optional course n

**Optional courses (evaluation by credit)** : each course is evaluated separately and credits are obtained if the final mark is ≥ 4.0

**Success conditions for module 3**
To obtain at least 15 ECTS credits

#### MODULE 4

**Master Thesis**

- Written report / oral defence / practical research work

**Success conditions for module 4**

Arithmetic average of three grades on the Master Thesis Project ≥ 4.0

According to the "Règlement d'études de la Maîtrise universitaire ès Sciences en comportement, évolution et conservation adopté par la Direction de l'UNIL le 15 mai 2017".