



## LMD5 — Fiche UE du département Biologie-Écologie

**Niveau : M1 S8**

**Intitulé : Modelling (-)**

**Code : HAB813B**

**Responsable(s) :** Sandrine MAURICE  
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**Moodle :** -

**Nombre ECTS :** 3

**Nombre d'heures :** CM = 12 — TD = 12 — TP = 0 — Terrain = 0 — Séminaires = 0 — SPS = 0

**Statut par parcours :** B2I (-), BioGET1 (-), BioGET2 (-), CEPAGE (-), DARWIN (-), EcoSystèmes (-), EGEN (-), MédiACCES (-), MEME (OBL), PAL (), Agreg (-).

**Description de l'UE :** Modelling is a methodology that is frequently used in biological sciences nowadays, in particular in ecological and evolutionary studies. However, models usually frighten students. The aim of this initiation is to show that modelling is by no means more inaccessible than other techniques in biology. The goal is to give students a feel of how a model is constructed, to be able to spot the key assumptions behind a result, and to test their validity. The course will seek to familiarize the students with several basic modelling techniques and tools.

**Compétences visées (Savoir, Savoir-Faire, Savoir-Être) :** Basic skills in modeling in evolutionary biology

**Prérequis (compétences et/ou UE) :** -

**Modalités de contrôle des connaissances :** Contrôle terminal

**Informations additionnelles :** -