



## Master of Science in Biology

### Mathematics

Academic contact :

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| Code  | Course  | ECTS | Semesters<br>A/P/AN |
|---|---|------|---------------------|
| <b>Mandatory</b> safety days ! Registration will take place in November for the autumn semester and in March for the spring semester. |   |      |                     |
| 14B012  | Scientific Writing and Communication ( <b>mandatory</b> ) | 4    | A                   |
| 14B673  | <b>Pré-stage</b> equivalent to 320h (pre-internship)      | 16   | P                   |
| <b>Core courses (11 - 17 ECTS)</b>  |   |      |                     |
| 14B672 *  | Computer Skills for Biological Research                   | 4    | A                   |
| 14F001  | Elements of Bioinformatics                                | 5    | A                   |
| 14B063A *   | Microscopy and Imaging                                    | 3    | A                   |
| 14B057A (1)   | Statistics & Probability                                  | 3    | A                   |
| 14B951 (1)*   | Applied Statistics Practicum                              | 2    | P                   |
| (1) At least one of the 2 statistics courses  |   |      |                     |

| <b>Mathematics Mandatory courses (29 ECTS)</b> |   |           |   |
|--|---|-----------|---|
| 11M060 *                                       | Introduction à la logique et à la théorie des ensembles | 6         | A |
| 11M020 *                                       | Analyse I   | 9         | P |
| 11M010 *                                       | Algèbre I   | 8         | A |
| 11M070 *                                       | Mathématiques discrètes                                 | 6         | P |
|  |   | <b>60</b> |   |

\*Pre-registration required with the course instructor. Please check the "programme des cours" website for registration details.

A = Automne, Autumn

P = Printemps, Spring / AN = Annuel, Annual

\* Courses given in French