

# Master in Environmental Biology - Spring semester - Overview

|             | Block courses<br><b>Monday</b>  | Weekly courses<br><b>Tuesday</b>  | Block courses<br><b>Wednesday</b>   | Weekly courses<br><b>Thursday</b>   | Weekly/Block courses<br><b>Friday</b>  | Legend:   |
|-------------|---|---|---|---|--|---|
| 8h15 – 9h   | <i>Phylogenetics and comparative methods</i><br>SBL.20033<br>Weeks 1 to 3, 9h15 to 12h and 13h15 to 15h           |   | <i>Phylogenetics and comparative methods</i><br>SBL.20033<br>Weeks 1 to 2, 9h15 to 12h and 13h15 to 15h and week 3, 9h15 to 12h |   | <b>Structure and functions of host-associated microbiota</b><br>SBL.20035    | <b>Obligatory</b> courses for at least one of the four options are in <b>roman</b>  |
| 9h15 – 10h  |   |   | <i>Visual communication data</i><br>SBL.00427<br>Weeks 1 to 4, 10h15 to 12h   | <i>Metagenomics data analysis</i><br>SBL.00425<br>5 Weeks followed by                   |  | <b>Recommended</b> courses are in <i>italic</i>   |
| 10h15 – 11h | <b>Evolutionary genomics</b><br>SBL.20034<br>Weeks 11 to 14, 9h15 to 12h and 14h15 to 17h                         | <b>Critical reading</b><br>SBL.20005<br>(every two years)                             | <b>Evolutionary genomics</b><br>SBL.20034<br>Weeks 11 to 14, 9h15 to 12h  | <b>Classical models in biology (exercises)</b><br>SBL.06003<br>Weeks 9, 10, 11, 13 & 14 | <b>Classical models in biology (lecture)</b><br>SBL.06002                    | Colour:<br>Research skills<br>Scientific core courses<br>Thesis related activities  |
| 11h15 – 12h |   | <b>Seminars in Biology</b><br>SBL.00431 & SBL.00432                                   |   |   |  |   |
| 12h15 – 13h |   | <b>Issues of sustainable development (advanced)</b><br>SSE.00444                      |   |   |  |   |
| 13h15 – 14h |   |   |   | <b>Community ecology</b><br>SBL.20031<br><i>in alternance with</i>                      |  | Note that in case of discrepancy with the official <a href="#">TimeTable</a> , the latter is authoritative                                  |
| 14h15 – 15h |   | <b>Plant development: the life of a sessile organism</b><br>SBL.00308<br>Weeks 2 to 5 |   | <b>Population and evolutionary dynamics</b><br>SBL.20032                                |  | Note that the <b>Topical courses</b> are not included (usually on Thursday and Friday afternoon): see <a href="#">Moodle page SBL.04000</a> |
| 15h15 – 16h | <b>Plant biotechnology</b><br>SBL.00323<br><br>(given every two years in alternance with SBL.00308 and SLB.00307) | <b>Symbiosis: how plants and microbes communicate</b><br>SBL.00307<br>Weeks 6 to 9    | <b>Introduction to metabolomics: data acquisition and processing</b><br>SBL.20004<br>Weeks 5-12                                 | <b>Research Seminars in Environmental Biology</b><br>SBL.20081 & SBL.20082              |  | Recommended topical courses:  |
| 16h15 – 17h |   | (both given every two years in alternance with SBL.00323)                             |   | <b>Advanced quantitative proteomics</b><br>SBL.00452<br>Week 9, 13h15 to 18h            | <b>Advanced quantitative proteomics</b><br>SBL.00452<br>Week 9, 13h15 to 18h | <b>Evolution on the bench</b><br>SBL.00417<br><b>Microbial metabolism and genetics</b><br>SBL.00418<br><b>Advanced imaging</b><br>SBL.00419 |
| 17h15 – 18h |   |   |   |   |  |   |