

## S7 Master EMME



ECTS  
30 crédits



Composante  
UFR Sciences et  
techniques, site  
de Besançon

### Liste des enseignements

|                                                                    | Nature                      | CM   | TD    | TP  | Crédits           |
|--------------------------------------------------------------------|-----------------------------|------|-------|-----|-------------------|
| <b>Acquire and analyse data on biodiv. and ecosys. functioning</b> | <b>Unité d'enseignement</b> |      |       |     | <b>9 crédits</b>  |
| Basics of cartography/GIS for sampling design                      | Elément constitutif         | 4,5h |       | 12h |                   |
| Concepts and tools for biodiversity monitoring                     | Elément constitutif         | 9,5h |       | 12h |                   |
| Data management                                                    | Elément constitutif         | 3h   |       |     |                   |
| Field/lab skills and basics of metrology                           | Elément constitutif         |      |       | 15h |                   |
| Introduction to R                                                  | Elément constitutif         |      |       | 10h |                   |
| Linear modeling with several covariates                            | Elément constitutif         | 4,5h |       | 7h  |                   |
| Multivariate statistics                                            | Elément constitutif         | 6h   |       | 15h |                   |
| <b>Fundamental knowledge of ecology and conservation</b>           | <b>Unité d'enseignement</b> |      |       |     | <b>5 crédits</b>  |
| Conservation biology                                               | Elément constitutif         |      | 14h   | 6h  |                   |
| Population and community ecology                                   | Elément constitutif         | 11h  | 13,5h | 12h |                   |
| <b>Professionalisation</b>                                         | <b>Unité d'enseignement</b> |      |       |     | <b>6 crédits</b>  |
| Group project 1                                                    | Elément constitutif         |      |       | 30h |                   |
| Introduction to portfolio/skills approach                          | Elément constitutif         | 2h   |       |     |                   |
| Introductory field session                                         | Elément constitutif         |      |       | 30h |                   |
| Job prospect techniques                                            | Elément constitutif         | 2h   | 8h    |     |                   |
| <b>Project management in ecology and conservation</b>              | <b>Unité d'enseignement</b> |      |       |     | <b>10 crédits</b> |
| 1 Basic concepts and tools of project management                   | Elément constitutif         | 5h   |       | 10h |                   |
| Basics of scientific document writing                              | Elément constitutif         | 6h   | 6h    |     |                   |

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