

**Master of Science in Behaviour, Evolution and Conservation -  
specialisation Geosciences, Ecology and Environment - Spring 2019**

| TEACHING  | RESPONSIBLE                      | ROOM   | HOURS                              |
|---|----------------------------------|--|------------------------------------|
| <b>Compulsory</b>   |                                  |  |                                    |
| Integrated course Mountain Ecosystems - Ecology & Evolution (MEPP-EE)                                     | A. Guisan                        | POL/202  | 14 C                               |
| Integrated course Mountain Ecosystems - Geo-Environm. Sci. (MEPP-GSE)                                     | A. Guisan                        | POL/202  | 14 C                               |
| Integrated Practical Work Mountain Ecosystems in the Alps (MEPP-PR)                                       | A. Guisan                        | April 1-2, 2019 + 3 days in July                                   | 44 PW                              |
| <b>Optional courses</b>   |                                  |  |                                    |
| Environmental data mining (GSE)   | M. Kanevski                      | consult schedule of FGSE   | 56CTP                              |
| Geostatistics and GIS (GSE)   | M. Kanevski                      | consult schedule of FGSE   | 56CTP                              |
| Aquatic Ecosystems : Glaciers, Rivers and Lakes (GSE)   | M.-E. Perga, S. Lane             | consult schedule of FGSE   | 56CTP                              |
| Environmental biogeochemistry : molecular-scale : perspective on water-microbe-mineral interactions (GSE) | J. Peña                          | consult schedule of FGSE   | 30CTP                              |
| Field and laboratory methods (I) : The UNIL campus as a microcosm (GSE)                                   | J. Peña, N. Chèvre, T. Vennemann | consult schedule of FGSE   | 56CTP                              |
| Applied Ecology (AE)  | J. Pellet                        | POL/315.1<br>except May 15, 22, 29, 2019 : consult the responsible | 14 C + 28 PW                       |
| Biological Invasions (BIS)  | J. Alexander<br>A. Guisan        | POL/210<br>except March 8, 2019 : <b>BIO/AMPHI</b>                 | 14 C                               |
| Co-evolution, Mutualism, Parasitism (CMP)   | I. Sanders                       | POL/334  | 14 C                               |
| Current Problems in Conservation Biology (CB)   | C. Wedekind                      | POL/202  | 14 C + 14 E                        |
| Ecology of the Fishes of Switzerland (EFS)  | J.-F. Rubin                      | POL/202  | 7 C + 10 PW                        |
| Honeybee Ecology, Evolution and Conservation (HEE)  | V. Dietemann                     | POL/202  | 14 C                               |
| Phylogeny and Comparative Methods (PCM)   | N. Salamin                       | POL/336<br>except May 23, 2019 : POL/202                           | 7 C + 14 E                         |
| Plant Population Genetics and Conservation (PPG)  | F. Felber                        | POL/202, 367   | 7 C + 10 PW                        |
| Plant Range Dynamics and Global Change (PRD)  | C. Randin                        | POL/202, 205   | 7 C + 10 PW                        |
| Predictive Models of Species' Distribution (PSD)  | A. Guisan                        | POL/202, 204.2   | 14 C + 14 E                        |
| Advanced Quantitative Genetics (AQG)  | M. Robinson                      | POL/336  | 10 C + 7 E                         |
| Evolution of Genome Architecture (EGA)  | R. Arguello                      | POL/336<br>except May 22, 2019 : POL/202                           | 7 C + 7 E                          |
| Evolutionary Consequences of Hybridization and whole Genome Duplication (ECH)                             | N. Arrigo                        | POL/202  | 14 C                               |
| The Environment, addressed in an interdisciplinary way (GSE)  | A. Guisan                        | consult schedule of FGSE   | 10 S                               |
| Introduction to Primate Behaviour, Cognition and Culture (IPB)  | E. Van de Waal                   | POL/202  | 10 C + 6 S                         |
| Scientific Mediation and Communication - Scientific Hands-on Workshop Module (SMC)                        | A. Kaufmann<br>P. Reymond        | POL/459<br>except February 27, 2019 : <b>Anthropos</b>             | 8 C + 20 PW                        |
| Scientific Mediation and Communication - Museum Module (SMC MM)   | M. Sartori                       | Musée cantonal de zoologie, Lausanne                               | 6 C + 22 PW                        |
| Social Evolution : from Genes to Culture (SE)   | L. Lehmann                       | ANT/5033   | 28 C                               |
| Social Genetics (SG)  | L. Keller                        | POL/202  | 2 C + 12 E                         |
| Conservation Day : March 11, 2019   | A. Guisan, L. Fumagalli          | BIO/Amphi  |                                    |
| DEE Seminars  | J. Goudet, T. Kawecki            | BIO/Amphi  | except May 22, 2019 : <b>GEN/B</b> |

**Optional Field Courses**

|   |                       |                                       |             |
|---|-----------------------|---------------------------------------|-------------|
| Biological Conservation of the Mediterranean Region       | A. Roulin, P. Christe | in early September (Andalusia, Spain) | 40 PW       |
| Ecology and Faunistics of the Sea Shore, Roscoff (France) | T. Schwander          | February 16 to March 1, 2019          | 7 C + 49 PW |
| Evolution and Biogeography of Semi-arid and Island Floras | J. Pannell            | February 5-12, 2019                   | 40 PW       |

**Glossary :** C : courses PW : practical work  
E : exercises S : seminars CTP : courses/practical work

**WEEK 1: 18.02 to 22.02**

|         | mo 18    | tu 19 | we 20        | th 21   | fr 22    |
|---------|----------|-------|--------------|---------|----------|
| 8H      |          | BIS   | SMC MM       | PRD     |          |
| 10H     | MEPP-EE  | IPB   |              |         | MEPP-GSE |
| 12H     |          |       | DEE Seminars |         |          |
| 13H     | MEPP-GSE | PPG   |              | MEPP-EE | SE       |
| 15H     | EFS      |       |              |         |          |
| 17H     |          |       |              |         |          |
| Roscoff |          |       |              |         |          |

**WEEK 2: 25.02 to 01.03**

|         | mo 25    | tu 26 | we 27            | th 28    | fr 01 |
|---------|----------|-------|------------------|----------|-------|
| 8H      | BIS      | BIS   | SMC MM           | PRD      | CMP   |
| 10H     | MEPP-EE  | IPB   | SMC<br>Anthropos |          | CMP   |
| 12H     |          |       | DEE Seminars     |          |       |
| 13H     | MEPP-GSE | PPG   | SMC<br>Anthropos | MEPP-GSE | SE    |
| 15H     | EFS      |       |                  |          |       |
| 17H     |          |       |                  |          |       |
| Roscoff |          |       |                  |          |       |

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**WEEK 3: 04.03 to 08.03**

|     | mo 04   | tu 05 | we 06        | th 07   | fr 08            |
|-----|---------|-------|--------------|---------|------------------|
| 8H  | PRD     | BIS   | SMC MM       | PRD     | BIS<br>BIO/Amphi |
| 10H |         | IPB   | CMP          |         | AQG              |
| 12H |         |       | DEE Seminars |         |                  |
| 13H | MEPP-EE | PPG   |              | MEPP-EE |                  |
| 15H | EFS     |       | SMC          |         |                  |
| 17H |         |       |              |         |                  |

**WEEK 4: 11.03 to 15.03**

|     | mo 11                         | tu 12 | we 13        | th 14    | fr 15 |
|-----|-------------------------------|-------|--------------|----------|-------|
| 8H  | Conservation Day<br>BIO/Amphi | BIS   | SMC MM       | PRD      | AQG   |
| 10H |                               | IPB   | CMP          |          |       |
| 12H |                               |       | DEE Seminars |          |       |
| 13H |                               | PPG   |              | MEPP-GSE | SE    |
| 15H |                               |       | SMC          |          |       |
| 17H |                               |       |              |          |       |

**WEEK 5: 18.03 to 22.03**

|     | mo 18    | tu 19 | we 20        | th 21                   | fr 22 |
|-----|----------|-------|--------------|-------------------------|-------|
| 8H  | PRD      | BIS   | SMC MM       |                         | AQG   |
| 10H | MEPP-GSE | IPB   | CMP          | CMP                     |       |
| 12H |          |       | DEE Seminars |                         |       |
| 13H | MEPP-EE  | PPG   |              | Rencontres<br>Carrières |       |
| 15H | EFS      |       | SMC          |                         |       |
| 17H |          |       |              |                         |       |

**WEEK 6: 25.03 to 29.03**

|     | mo 25  | tu 26   | we 27        | th 28    | fr 29 |
|-----|--|---------|--------------|----------|-------|
| 8H  | EFS<br>courses & TP<br>Out of UNIL<br>8:00-17:00 | MEPP-EE | SMC MM       | PSD      | AQG   |
| 10H |  | IPB     | CMP          |          |       |
| 12H |  |         | DEE Seminars |          |       |
| 13H |  | PPG     |              | MEPP-GSE | SE    |
| 15H |  |         | SMC          |          |       |
| 17H |  |         |              |          |       |

**WEEK 7: 01.04 to 05.04**

|     | mo 01   | tu 02   | we 03        | th 04 | fr 05 |
|-----|---------|---------|--------------|-------|-------|
| 8H  | MEPP-PR | MEPP-PR | SMC MM       | PSD   | AQG   |
| 10H |         |         | AE           |       |       |
| 12H |         |         | DEE Seminars |       |       |
| 13H | MEPP-PR | MEPP-PR |              | IPB   |       |
| 15H |         |         | SMC          |       |       |
| 17H |         |         |              |       |       |

**WEEK 8: 08.04 to 12.04**

|     | mo 08 | tu 09 | we 10        | th 11 | fr 12 |
|-----|-------|-------|--------------|-------|-------|
| 8H  | EFS   | CB    | SMC MM       | PSD   |       |
| 10H |       |       | AE           |       |       |
| 12H |       |       | DEE Seminars |       |       |
| 13H |       |       |              | IPB   | SE    |
| 15H | HEE   | SG    | SMC          |       |       |
| 17H |       |       | EGA          |       |       |

**EASTER HOLIDAYS 2019 : FROM APRIL 19 TO APRIL 26, 2019**

**WEEK 9: 15.04 to 19.04**

|     | mo 15  | tu 16 | we 17        | th 18 | fr 19           |
|-----|--------|-------|--------------|-------|-----------------|
| 8H  | SMC MM | CB    | AE           | PSD   | Easter Holidays |
| 10H |        |       |              |       |                 |
| 12H |        |       | DEE Seminars |       |                 |
| 13H |        |       |              |       |                 |
| 15H | HEE    | SG    | SMC          |       |                 |
| 17H |        |       | EGA          |       |                 |

**WEEK 10: 29.04 to 03.05**

|     | mo 29  | tu 30 | we 01        | th 02 | fr 03 |
|-----|--------|-------|--------------|-------|-------|
| 8H  | SMC MM | CB    | AE           | PSD   | PCM   |
| 10H |        |       |              |       |       |
| 12H |        |       | DEE Seminars |       |       |
| 13H | ECH    |       |              | ECH   |       |
| 15H | HEE    | SG    | SMC          |       |       |
| 17H |        |       | EGA          |       |       |

**WEEK 11: 06.05 to 10.05**

|     | mo 06  | tu 07 | we 08        | th 09 | fr 10 |
|-----|--------|-------|--------------|-------|-------|
| 8H  | SMC MM | CB    | AE           | PSD   | PCM   |
| 10H |        |       |              |       |       |
| 12H |        |       | DEE Seminars |       |       |
| 13H | ECH    |       |              | ECH   | SE    |
| 15H | HEE    | SG    | SMC          |       |       |
| 17H |        |       | EGA          |       |       |

**WEEK 12: 13.05 to 17.05**

|     | mo 13  | tu 14 | we 15        | th 16 | fr 17 |
|-----|--------|-------|--------------|-------|-------|
| 8H  | SMC MM | CB    | AE           | PSD   | PCM   |
| 10H |        |       |              |       |       |
| 12H |        |       | DEE Seminars |       |       |
| 13H | ECH    |       | AE           | ECH   |       |
| 15H | HEE    | SG    | SMC          |       |       |
| 17H |        |       | AE /<br>EGA  |       |       |

**WEEK 13: 20.05 to 24.05**

|     | mo 20  | tu 21 | we 22               | th 23          | fr 24           |
|-----|--------|-------|---------------------|----------------|-----------------|
| 8H  | SMC MM | CB    | AE                  | PCM<br>POL/202 | Dies Academicus |
| 10H |        |       |                     |                |                 |
| 12H |        |       | DEE Sem/GEN B       |                |                 |
| 13H | ECH    |       | AE                  | PCM<br>POL/202 |                 |
| 15H | HEE    | SG    | AE /<br>EGA POL/202 |                |                 |
| 17H |        |       |                     |                |                 |

**WEEK 14: 27.05 to 31.05**

|     | mo 27  | tu 28 | we 29        | th 30     | fr 31 |
|-----|--------|-------|--------------|-----------|-------|
| 8H  | SMC MM | CB    | AE           | Ascension |       |
| 10H |        |       |              |           |       |
| 12H |        |       | DEE Seminars |           |       |
| 13H |        |       | AE           |           | SE    |
| 15H | HEE    | SG    | SMC          |           |       |
| 17H |        |       | AE /<br>EGA  |           |       |