

**Master of Science in Behaviour, Evolution and Conservation -
specialisation Computational Ecology and Evolution - Spring 2024 -**

| <u>TEACHING</u> | <u>RESPONSIBLE</u> | <u>ROOM</u> | <u>HOURS</u> |
|-----------------------------------------------------|--------------------|-------------|--------------|
| COMPULSORY COURSES (in semesters 2 to 4) | | | |
| Seminars of the Department of Ecology and Evolution | T. Kawecki | BIO/Amphi | 20 S |
| Write a Review (WR) | T. Kawecki | BIO/Amphi | 4 C + 2 E |

COMPUTATIONAL OPTIONAL COURSES

| | | | |
|-------------------------------------------------------------------------|-------------------------|--------------------------------------------------------|-------------|
| Advanced Population Genetics (APG) | A.-S. Malaspinas | POL/201 and April 26, May 03 and 17, 2024 : POL/319 | 14 C + 6 E |
| Bioinformatic Algorithms (BA) | C. Dessimoz, D. Gfeller | POL/336 | 19 C + 20 E |
| Microbiome Analysis (MA) | J. van der Meer | POL/336 | 8 C + 16 E |
| Phylogeny and Comparative Methods (PCM) | N. Salamin | POL/336 | 14 C + 14 E |
| Sex, Ageing and Foraging Theory (SAF) | C. Mullon | POL/334 | 9 C + 9 PW |
| Spatial Modelling of Species and Biodiversity (SMSB) | A. Guisan | POL/202, 204.2 | 14 C + 14 E |
| The Evolution of Cooperation : from Genes to Learning to Culture (ECGL) | L. Lehmann | ANT/3021 | 22 C |

OPTIONAL COURSES

| | | | |
|---------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------|----------------------|
| Applied Ecology (AE) | J. Pellet | POL/315.1 except May 08, 15, 22, and 29, 2024 : consult the responsible | 14 C + 36 PW |
| Behaviour, Economics and Evolution Lecture Series | L. Lehmann, L. Santos-Pinto | NEF/123 ▲ Start February 29, 2024 | 10 C + 10 S 50 PW |
| Co-evolution, Mutualism, Parasitism (CMP) | I. Sanders | POL/202 | 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. Diemann | Monday : POL/202 Friday : POL/334 | 14 C |
| Integrated course Mountain Ecosystems (MEPP) | A. Guisan | POL/334 | 28 C |
| Interfaculty Seminar on the Environment (GSE) | A. Guisan | consult schedule of FGSE | 14 S |
| Scientific Communication - Scientific Hands-on Workshop Module (SC) | A. Kaufmann P. Reymond | POL/459 except February 27 and 28, and May 28, 2024 : Forum-L'Epreuve | 14 C + 14 E |

OPTIONAL FIELD COURSES

| | | | |
|---------------------------------------------------------------------|--------------|---------------------------------------|-------------|
| Drivers of Invertebrate Biodiversity along Ecological Gradients | T. Schwander | August 5 to 16, 2024 | 6 C + 80 PW |
| Ecology and Evolution of Mediterranean Flora | J. Pannell | March 19 to 27, 2024 | 48 PW |
| Integrated Practical Work Mountain Ecosystems in the Alps (MEPP-PR) | A. Guisan | May 27-28, 2024 + July 08 to 12, 2024 | 52 PW |

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|---------------------------------------------|-------------------------|-----------|
| Conservation Day : March 04, 2024 | A. Guisan, L. Fumagalli | BIO/Amphi |
| MSc BEC Information Spring : March 06, 2024 | T. Kawecki | BIO/Amphi |
| Data Management : April 17, 2024 | F. Bastian | BIO/Amphi |

Glossary : C : courses PW : practical wo
E : exercises S : seminars

WEEK 1: 19.02 to 23.02

| | mo 19 | tu 20 | we 21 | th 22 | fr 23 |
|-----|-------|-------|-------|--------------|-------|
| 8H | | MA | MA | MEPP | MEPP |
| 10H | | MA | MA | MA | |
| 12H | | | | DEE Seminars | |
| 14H | EFS | MA | MA | MA | ECGL |
| 16H | | | | | |
| 18H | | | | | |

WEEK 2: 26.02 to 01.03

| | mo 26 | tu 27 | we 28 | th 29 | fr 01 |
|-----|-------|---------------------|---------------------------|--------------------|-------|
| 8H | PCM | | WR (Literature search) | MEPP | MEPP |
| 10H | | BA | AE | | SAF |
| 12H | | SC Forum-Epreuve | SC Forum-Epreuve | DEE Seminars | |
| 14H | EFS | SMSB | | BEE Lecture Series | ECGL |
| 16H | | | | | |
| 18H | | | | | |

WEEK 3: 04.03 to 08.03

| | mo 04 | tu 05 | we 06 | th 07 | fr 08 |
|-----|-------------------------|-------|------------------------|--------------------|-------|
| 8H | Conservation Day | | | MEPP | MEPP |
| 10H | | BA | AE | | SAF |
| 12H | | SC | SAF | DEE Seminars | |
| 14H | | SMSB | MSc BEC Info Spring | BEE Lecture Series | ECGL |
| 16H | | | | | |
| 18H | | | | | |

WEEK 4: 11.03 to 15.03

| | mo 11 | tu 12 | we 13 | th 14 | fr 15 |
|-----|-------|-------|-------|--------------------|-------|
| 8H | PCM | | | MEPP | MEPP |
| 10H | | BA | AE | | SAF |
| 12H | | SC | SAF | DEE Seminars | |
| 14H | EFS | SMSB | | BEE Lecture Series | ECGL |
| 16H | | | | | |
| 18H | | | | | |

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WEEK 5: 18.03 to 22.03

| | mo 18 | tu 19 | we 20 | th 21 | fr 22 |
|------------------------------------------------------|-------|-------|-------|--------------------|-------|
| 8H | | | | | |
| 10H | | BA | | | |
| 12H | | SC | | | |
| 14H | | | | BEE Lecture Series | ECGL |
| 16H | | | | | |
| 18H | | | | | |
| Field : Ecology and Evolution of Mediterranean Flora | | | | | |

WEEK 6: 25.03 to 29.03

| | mo 25 | tu 26 | we 27 | th 28 | fr 29 |
|------------------------------------------------------|-------|-------|-------|--------------------|-----------------|
| 8H | | | | | Easter Holidays |
| 10H | | BA | | | |
| 12H | | SC | | DEE Seminars | |
| 14H | | | | BEE Lecture Series | |
| 16H | | | | | |
| 18H | | | | | |
| Field : Ecology and Evolution of Mediterranean Flora | | | | | |

EASTER HOLIDAYS 2021 : FROM MARCH 29 TO APRIL 5, 2024

WEEK 7: 08.04 to 12.04

| | mo 08 | tu 09 | we 10 | th 11 | fr 12 |
|-----|-------|-------|-------|--------------------|-------|
| 8H | PCM | CB | AE | MEPP / APG | MEPP |
| 10H | | / BA | AE | CMP / APG | SAF |
| 12H | | SC | SAF | DEE Seminars | |
| 14H | EFS | SMSB | WR | BEE Lecture Series | ECGL |
| 16H | CMP | | | | |
| 18H | | | | | |

WEEK 8: 15.04 to 19.04

| | mo 15 | tu 16 | we 17 | th 18 | fr 19 |
|-----|--------------------------------------------------|-------|-----------------|--------------------|-------|
| 8H | EFS courses & TP Out of UNIL 8:00-17:00 | CB | | MEPP | MEPP |
| 10H | | / BA | AE | APG | SAF |
| 12H | | SC | SAF | DEE Seminars | |
| 14H | | SMSB | Data Management | BEE Lecture Series | |
| 16H | | | | | ECGL |
| 18H | | | | | |

WEEK 9: 22.04 to 26.04

| | mo 22 | tu 23 | we 24 | th 25 | fr 26 |
|-----|-------|-------|-------|--------------------|-------------|
| 8H | PCM | CB | AE | MEPP | MEPP |
| 10H | | / BA | AE | CMP / APG | HEE POL/334 |
| 12H | | SC | | DEE Seminars | APG POL/319 |
| 14H | HEE | SMSB | | BEE Lecture Series | ECGL |
| 16H | CMP | | | | |
| 18H | | | | | |

WEEK 10: 29.04 to 03.05

| | mo 29 | tu 30 | we 01 | th 02 | fr 03 |
|-----|-------|-------|-------|--------------------|-------------|
| 8H | PCM | CB | | CMP | |
| 10H | | / BA | AE | CMP / APG | HEE POL/334 |
| 12H | EFS | SC | | DEE Seminars | APG POL/319 |
| 14H | HEE | SMSB | | BEE Lecture Series | ECGL |
| 16H | CMP | | | | |
| 18H | | | | | |

WEEK 11: 06.05 to 10.05

| | mo 06 | tu 07 | we 08 | th 09 | fr 10 |
|-----|-------|-------|-------|-----------|-------|
| 8H | PCM | CB | AE | Ascension | |
| 10H | | / BA | | | |
| 12H | | SC | | | |
| 14H | HEE | SMSB | AE | | ECGL |
| 16H | | | | | |
| 18H | | | | | |

WEEK 12: 13.05 to 17.05

| | mo 13 | tu 14 | we 15 | th 16 | fr 17 |
|-----|-------|-------|-------|--------------------|-------------|
| 8H | PCM | CB | AE | | |
| 10H | | / BA | | APG | HEE POL/334 |
| 12H | | SC | | DEE Seminars | APG POL/319 |
| 14H | HEE | WR | AE | BEE Lecture Series | ECGL |
| 16H | | | | | |
| 18H | | | | | |

WEEK 13: 20.05 to 24.05

| | mo 20 | tu 21 | we 22 | th 23 | fr 24 |
|-----|-----------|-------|-------|--------------------|-------|
| 8H | Pentecôte | CB | AE | | |
| 10H | | / BA | | APG | |
| 12H | | SC | | DEE Seminars | |
| 14H | | | | BEE Lecture Series | ECGL |
| 16H | | | | AE | |
| 18H | | | | | |

WEEK 14: 27.05 to 31.05

| | mo 27 | tu 28 | we 29 | th 30 | fr 31 |
|-----|---------|---------------------|-------|--------------------|-----------------|
| 8H | MEPP-PR | MEPP-PR | AE | | Dies Academicus |
| 10H | | / BA | | | |
| 12H | | SC Forum-Eprouvette | | | |
| 14H | | | AE | BEE Lecture Series | |
| 16H | MEPP-PR | MEPP-PR | AE | | |
| 18H | | | | Mystères UNIL | |