

**Master of Science in Behaviour, Evolution and Conservation
Specialisation Computational Ecology and Evolution - Autumn 2020**

| Teaching | Responsible | Room C/S | Room E/PW | Hours |
|--|--|---|-----------|--------------|
| Welcome Day : 14.09.2020 | T. Kawecki | BIO/Amphi (9:00-13:00), CUB I+II (13:00-18:00) | | |
| Data Analysis | N. Salamin S. Bergmann G. Ciriello | Zoom ID : Beromann : https://unil.zoom.us/j/99594446722 (18.9) & https://unil.zoom.us/j/96102781081 (25.9); Ciriello : https://us02web.zoom.us/j/89123859015 (2.10) | | 6 C + 6 PW |
| Advanced Data Analysis | N. Salamin S. Bergmann G. Ciriello | Zoom ID : Ciriello : https://us02web.zoom.us/j/89123859015 | | 6 C + 6 PW |
| Introduction into Scientific Writing | R. Waterhouse | Zoom ID : https://unil.zoom.us/j/542_050_7305 except 22.09.2020: CUB/I | | 7 C + 9 E |
| Molecular Methods in Ecology and Evolution | I. Sanders, L. Fumagalli N. Salamin | Zoom ID : Fumagalli : https://unil.zoom.us/j/5987341201 / password: 495304 (5.10) except 28-29-30.09.2020 (Lab): POL/334, 203,205,204.2 | | 18 C + 42 PW |
| Population Genetics and Dynamics | J. Goudet | Zoom ID : https://unil.zoom.us/j/938_9918_7987 except 17.09.2020: POL/202 | | 7 C + 10 E |
| Programming for Bioinformatics | N. Salamin | Zoom ID : https://unil.zoom.us/j/978_3972_0278 | | 7 C + 14 E |
| Seminars of the Dept of Ecology and Evolution | T. Kawecki | BIO/Amphi Zoom ID : (waiting) | | 14 S |
| Spatial Analysis and GIS in Ecology | A. Guisan | Zoom ID : (waiting) | | 7 C + 10 E |
| Optional support : Introduction to R (Introduction to Data Analysis) | | Zoom ID : https://unil.zoom.us/j/943_9432_9809 except 23.09.2020: GEN/C | | 24 E |
| Introduction to Biological Security : 18.09.2020 | M. Van Bemmelen | MAX/350 (for non UNIL bachelor students only) | | 2 C |
| Personal Research Work | | | | 224 PRW |
| Optional courses Presentation : 17.09.2020 | TO BE CONFIRMED | GEN/C | | 1 hour |

Schedule_start of lessons :

UNIL-Sorge : 08:00 - 09:00 - 10:15 - 12:15 - 13:15 - 14:15 - 15:15 - 16:15 - 17:15
Others : 08:15 - 09:15 - 10:15 - 11:15 - 12:15 - 13:15 - 14:15 - 15:15 - 16:15 - 17:15

Building :

BIO: Biophore POL: Amphipôle CUB: Cubotron
GEN: Genopode MAX: Amphimax

Gray : All students on site

White : non-presential course

WEEK 1: 14.09 to 18.09

| | mo 14 | tu 15 | we 16 | th 17 | fr 18 |
|-----|---------------------------|------------|---------------------------------------|----------------|-----------------------------|
| 8H | Welcome Day BIO/Amphi | Master BEC | Personal Research Work : presentation | Optional Pres | Data Analysis |
| 10H | | | | Pop genet | GEN/C |
| 12H | | | | Seminar of DEE | |
| 14H | Welcome Day CUB I + II | | | | Intro Biol Secur MAX/350 |
| 16H | | | | | |
| 18H | | | | | |

WEEK 2: 21.09 to 25.09

| | mo 21 | tu 22 | we 23 | th 24 | fr 25 |
|-----|---------------|--|-----------------------------------|-----------------------------------|-----------------------------------|
| 8H | Jeûne Fédéral | C+E - Intro Scientific Writing CUB/I | Personal Research Work | C+E - Intro Scientific Writing | Data Analysis |
| 10H | | | Intro to R GEN/C | | GEN/C |
| 12H | | | Seminar of DEE | | |
| 14H | | | C+E - Intro Scientific Writing | Personal Research Work | C+E - Intro Scientific Writing |
| 16H | | | | | |
| 18H | | | | | |

WEEK 3: 28.09 to 02.10

| | mo 28 | tu 29 | we 30 | th 01 | fr 02 |
|-----|----------------------------|----------------------------|----------------------------|-----------------------------------|---------------------------------|
| 8H | PW-Molecular Methods (Lab) | PW-Molecular Methods (Lab) | PW-Molecular Methods (Lab) | C-Molecular Methods | Data Analysis |
| 10H | C-Molecular Methods | C-Molecular Methods | Intro to R | PW-Molecular Methods (Analysis) | |
| 12H | | | Seminar of DEE | | |
| 14H | C-Molec. Meth. | PW-Molecular Methods (Lab) | C-Molecular Methods | C-Molecular Methods | C-Molecular Methods |
| 16H | PW-Molecular Methods (Lab) | C-Molecular Methods | | PW-Molecular Methods (R tutorial) | PW-Molecular Methods (Analysis) |
| 18H | | PW-Mol.Meth.(Lab) | | | |

WEEK 4: 05.10 to 09.10

| | mo 05 | tu 06 | we 07 | th 08 | fr 09 |
|-----|---------------------------------|---------------------------------|---------------------------------|------------------------|---|
| 8H | C-Molecular Methods | | PW-Molecular Methods (Analysis) | | |
| 10H | C-Molecular Methods | PW-Molecular Methods (Analysis) | Intro to R | Programming | Programming |
| 12H | | | Seminar of DEE | | |
| 14H | PW-Molecular Methods (Analysis) | PW-Molecular Methods (Analysis) | PW-Molecular Methods (Analysis) | Personal Research Work | C+E-Spatial analysis and GIS in ecology |
| 16H | | | | | |
| 18H | | | | | |

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WEEK 5: 12.10 to 16.10

| | mo 12 | tu 13 | we 14 | th 15 | fr 16 |
|-----|-----------------------------------|------------------------|------------------------|------------------------|---|
| 8H | Programming | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 10H | | | Intro to R | Programming | |
| 12H | | | Seminar of DEE | | |
| 14H | C+E-Populations genetic & dynamic | Personal Research Work | Personal Research Work | Personal Research Work | C+E-Spatial analysis and GIS in ecology |
| 16H | | | | | |
| 18H | | | | | |

WEEK 6: 19.10 to 23.10

| | mo 19 | tu 20 | we 21 | th 22 | fr 23 |
|-----|-----------------------------------|------------------------|------------------------|------------------------|---|
| 8H | Programming | Personal Research Work | Personal Research Work | Programming | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | C+E-Populations genetic & dynamic | Personal Research Work | Personal Research Work | Personal Research Work | C+E-Spatial analysis and GIS in ecology |
| 16H | | | | | |
| 18H | | | | | |

WEEK 7: 26.10 to 30.10

| | mo 26 | tu 27 | we 28 | th 29 | fr 30 |
|-----|-----------------------------------|------------------------|------------------------|------------------------|------------------------|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | C+E-Populations genetic & dynamic | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 16H | | | | | |
| 18H | | | | | |

WEEK 8: 02.11 to 06.11

| | mo 02 | tu 03 | we 04 | th 05 | fr 06 |
|-----|-----------------------------------|------------------------|------------------------|------------------------|---|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Advanced Data Analysis | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | C+E-Populations genetic & dynamic | Personal Research Work | Personal Research Work | Personal Research Work | C+E-Spatial analysis and GIS in ecology |
| 16H | | | | | |
| 18H | | | | | |

WEEK 9: 09.11 to 13.11

| | mo 09 | tu 10 | we 11 | th 12 | fr 13 |
|-----|-----------------------------------|------------------------|------------------------|------------------------|---|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Advanced Data Analysis | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | C+E-Populations genetic & dynamic | Personal Research Work | Personal Research Work | Personal Research Work | C+E-Spatial analysis and GIS in ecology |
| 16H | | | | | |
| 18H | | | | | |

WEEK 10: 16.11 to 20.11

| | mo 16 | tu 17 | we 18 | th 19 | fr 20 |
|-----|------------------------|------------------------|------------------------|------------------------|------------------------|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Advanced Data Analysis | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 16H | | | | | |
| 18H | | | | | |

WEEK 11: 23.11 to 27.11

| | mo 23 | tu 24 | we 25 | th 26 | fr 27 |
|-----|------------------------|------------------------|------------------------|------------------------|------------------------|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 16H | | | | | |
| 18H | | | | | |

WEEK 12: 30.11 to 04.12

| | mo 30 | tu 01 | we 02 | th 03 | fr 04 |
|-----|------------------------|------------------------|------------------------|------------------------|------------------------|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 10H | | | | | |
| 12H | | | Seminar of DEE | | |
| 14H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 16H | | | | | |
| 18H | | | | | |

WEEK 13: 07.12 to 11.12

| | mo 07 | tu 08 | we 09 | th 10 | fr 11 |
|-----|------------------------|------------------------|------------------------|------------------------|---|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work |
| 10H | | | Intro to R | | |
| 12H | | | Seminar of DEE | | |
| 14H | Personal Research Work | Personal Research Work | Personal Research Work | Personal Research Work | Pour info: Remise BSc biol UNIL dès 17h |
| 16H | | | | | |
| 18H | | | | | |

WEEK 14: 14.12 to 18.12

| | mo 14 | tu 15 | we 16 | th 17 | fr 18 |
|-----|------------------------|------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 8H | Personal Research Work | Personal Research Work | Personal Research Work | Personal research work Presentations | Personal research work Presentations |
| 10H | | | | | |
| 12H | | | Seminar of DEE | | |
| 14H | Personal Research Work | Personal Research Work | Personal research work Presentations | Personal research work Presentations | Personal research work Presentations |
| 16H | | | | | |
| 18H | | | | | |