

BIOLOGIE

**Bachelor in Biologie (3. Semester, auch für Studierende mit Minor Biologie)
– für die Praktika Pflanzenökologie II und Pflanzenphysiologie haben
Anmeldungen von Studierenden mit Major Biologie sowie von Studierenden
mit Minor 60 ECTS Biologie PH-S2 erste Priorität*)**

1) Institute of Plant Sciences, Altenbergrain 21, 3013 Bern

1530 Pflanzenphysiologie, Vorlesung, 4.-12. Semesterwoche.
Dienstag und Mittwoch 10.30-12.15 h (in Woche 12 nur am Dienstag)
Start: Dienstag, 8. Oktober 2024, 10.30 h, Hörsaal 020¹⁾
Detailliertes Programm siehe ILIAS.
2.5 ECTS

Prof. Dr. M. Erb, Prof. Dr. D. Rentsch

100268 Praktikum zu Pflanzenphysiologie, 8.-13. Semesterwoche.
Das Praktikum kann nur in Kombination mit der Vorlesung besucht werden.
Anmeldung bis am 30. September erfolgt via ILIAS.
Dienstag 13-17 oder Mittwoch 13-17 oder Donnerstag 13-17.
Die Zuteilung zum Praktikum findet abhängig vom Zellbiologiepraktikum
statt (alternierend am Dienstag bzw. Mittwochnachmittag - alternativ am
Donnerstagnachmittag). Nebenfachstudierende besuchen das Praktikum
am Donnerstagnachmittag, Ausnahmen sind nur möglich, wenn am DI
oder MI freie Plätze vorhanden sind.
Start: DI 5.11.2024, 13.15 h, bzw. MI 6.11., 13.15 h, bzw. DO 7.11., 13.15 h,
Praktikumsraum 120¹⁾
Detailliertes Programm s. ILIAS.
Vorlesung: s. 1530

2 ECTS

Prof. Dr. M. Erb, Prof. Dr. D. Rentsch

402950 Biodiversity and Ecosystem Services, Vorlesung.
Freitag 10.30-12.15 h
Start: Freitag, 20. September 2024, 10.30 h, Hörsaal 020¹⁾
2 ECTS

Prof. Dr. E. Allan

BIOLOGIE

Bachelor in Biology, Specialisation in Plant Sciences (5. Semester)

1) Institute of Plant Sciences, Altenbergrain 21, 3013 Bern

**10434 Advanced Plant Biology: Palaeoecology. Lecture, Practical.
Prerequisite: Palaeoecology and Palaeoclimatology of the Alps
and their forelands (10459).**

Registration at KSL. Block course: 20.1.-31.1.2025.
Start: Monday, 20. January 2025, 8.45 h, practical room 120¹⁾.
5 ECTS

Dr. E. Gobet, Dr. C. Schwörer, Prof. Dr. W. Tinner

**414752 Advanced Plant Biology: Plant-Herbivore Interactions /
Pflanzenbiologie für Fortgeschrittene: Pflanzen-Herbivoren
Interaktionen. 2.-5. semester week.**

Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11 (Lecture), Thursday 11-17 and Friday 9-17 (Practical).
Lunch break by arrangement.
Start Lecture: Monday, 23. September 2024, 13.15 h, seminar room 201¹⁾
Start Practical: Thursday, 26. September 2024, 11.15 h, practical room
3rd year¹⁾.
5 ECTS

Prof. Dr. M. Erb

**414756 Advanced Plant Biology: Plant-Herbivore Interactions /
Pflanzenbiologie für Fortgeschrittene: Pflanzen-Herbivoren
Interaktionen. Lecture only. 2.-5. semester week.**

Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11.
Start: Monday, 23. September 2024, 13.15 h, seminar room 201¹⁾
1.5 ECTS

Prof. Dr. M. Erb

**10441 Advanced Plant Biology: Transport and Stress Physiology /
Pflanzenbiologie für Fortgeschrittene: Transport- und Stressphysiologie.
6.-9. semester week.**

Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11 (lecture), Thursday 11-17 and Friday 9-17 (practical).
Lunch break by arrangement.
Start lecture: Monday, 21. October 2024, 13.15 h, seminar room
201¹⁾.
Start practical: Thursday, 24. October 2024, 11.15 h, practical room
3rd year¹⁾.
5 ECTS

Prof. Dr. D. Rentsch

**10442 Advanced Plant Biology: Transport and Stress Physiology /
Pflanzenbiologie für Fortgeschrittene: Transport- und Stressphysiologie.
Lecture only. 6.-9. semester week.**

Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11
Start: Monday, 21. October 2024, 13.15 h, seminar room 201¹⁾
1.5 ECTS

Prof. Dr. D. Rentsch

- [478171](#) Advanced Plant Biology: Molecular Genetics and Development. 10.-13. semester week.**
Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11 (lecture), Thursday 11-17 and Friday 9-17 (practical).
Lunch break by arrangement.
Start lecture: Monday, 18. November 2024, 13.15 h, seminar room 201¹⁾.
Start practical: Thursday, 21. November 2024, 11.15 h, practical room 3rd year ¹⁾.
5 ECTS
- Prof. Dr. M. Raissig**
- [478172](#) Advanced Plant Biology: Molecular Genetics and Development. Lecture only. 10.-13. semester week.**
Registration by 15.8.2024 at KSL.
Monday 13-15 and Thursday 9-11
Start: Monday, 18. November 2024, 13.15 h seminar room 201¹⁾.
1.5 ECTS
- Prof. Dr. M. Raissig**
- [100263](#) Colloquium in Plant Sciences / Kolloquium in Pflanzenwissenschaften. Invited lecture series. With specific announcement.**
Registration by 15.8.2024 at KSL.
Monday 16.15-17.00
Start: Monday, 16. September 2024, 16.15 h, lecture hall 020¹⁾.
1.5 ECTS
- Prof. Dr. E. Allan, Prof. Dr. M. Erb, Prof. Dr. M. Fischer, Prof. Dr. P. Jullien,
Prof. Dr. M. Raissig, Prof. Dr. R. Reis, Prof. Dr. D. Rentsch,
Prof. Dr. C. Robert, Prof. Dr. Z. Tadele, Prof. Dr. W. Tinner**
- [10451](#) Colloquium in Plant Transport Physiology / Kolloquium in pflanzlicher Transportphysiologie.**
Registration by 15.8.2024 at KSL.
Monday 11.15-12:30. Continues during the semester holidays.
Start: Monday, 16. September 2024, 11:15 h, seminar room 201¹⁾.
1.5 ECTS
- Prof. Dr. D. Rentsch**
- [10601](#) Seminar in Stress Physiology / Seminar in Stressphysiologie.**
Registration by 15.8.2024 at KSL.
Tuesday 14-16.
Start: Tuesday, 22. October 2024, 14.15 h, seminar room 201¹⁾.
1.5 ECTS
- Prof. Dr. D. Rentsch**
- [10586](#) Research Practical in Molecular Plant Physiology / Forschungspraktikum in molekularer Pflanzenphysiologie.**
Prerequisite: Advanced Plant Biology: Transport and Stress Physiology (10441).
Ausnahmen nur nach vorheriger Absprache möglich. By arrangement.
Registration by 15.8.2024 at KSL.
7.5 ECTS
- Prof. Dr. D. Rentsch**
- [10587](#) Research Practical in Molecular Plant Physiology, with bachelor work / Forschungspraktikum in molekularer Pflanzenphysiologie, mit Bachelorarbeit.**
Prerequisite: Advanced Plant Biology: Transport and Stress Physiology (10441).
Ausnahmen nur nach vorheriger Absprache möglich. By arrangement.
Registration by 15.8.2024 at KSL.
10 ECTS
- Prof. Dr. D. Rentsch**

- [10588](#) **Research Practical in Palaeoecology / Forschungspraktikum in Paläoökologie.**
By arrangement. Registration at KSL.
7.5 ECTS
Prof. Dr. W. Tinner
- [10589](#) **Research Practical in Palaeoecology, with bachelor work / Forschungspraktikum in Paläoökologie, mit Bachelorarbeit.**
By arrangement. Registration at KSL.
10 ECTS
Prof. Dr. W. Tinner
- [10590](#) **Research Practical in Plant Genetics and Development / Forschungspraktikum in Pflanzengenetik und pflanzlicher Entwicklungsbiologie.**
Prerequisite: Advanced Plant Biology: Molecular Genetics and Development (478171)
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. M. Raissig
- [10591](#) **Research Practical in Plant Genetics and Development, with bachelor thesis / Forschungspraktikum in Pflanzengenetik und pflanzlicher Entwicklungsbiologie, mit Bachelorarbeit.**
Prerequisite: Advanced Plant Biology: Molecular Genetics and Development (478171)
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. M. Raissig
- [10592](#) **Research Practical in Plant Ecology / Forschungspraktikum in Pflanzenökologie.**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. M. Fischer
- [10593](#) **Research Practical in Plant Ecology, with bachelor work / Forschungspraktikum in Pflanzenökologie, mit Bachelorarbeit.**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. M. Fischer
- [11405](#) **Research Practical in Plant Insect Interactions / Forschungspraktikum in Pflanzen-Insekten Interaktionen.**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. M. Erb
- [11406](#) **Research Practical in Plant Insect Interactions, with bachelor work / Forschungspraktikum in Pflanzen-Insekten Interaktionen, mit Bachelorarbeit.**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. M. Erb
- [104836](#) **Research Practical in Plant Diversity.**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. E. Allan

- [104837](#) Research Practical in Plant Diversity, with bachelor work.**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. E. Allan
- [478161](#) Research Practical in Crop breeding Genomics.**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. Z. Tadele
- [478162](#) Research Practical in Crop breeding Genomics, with bachelor work.**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. Z. Tadele
- [482649](#) Research Practical on plant chemistry and human health
- identifying potential new nutraceuticals**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. C. Robert
- [482650](#) Research Practical on plant chemistry and human health
- identifying potential new nutraceuticals, with bachelor work**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. C. Robert
- [449256](#) Research Practical in Plant Epigenetics**
By arrangement. Registration by 15.8.2024 at KSL.
7.5 ECTS
Prof. Dr. P. Jullien
- [449257](#) Research Practical in Plant Epigenetics, with bachelor work**
By arrangement. Registration by 15.8.2024 at KSL.
10 ECTS
Prof. Dr. P. Jullien
- [100206](#) Seminar in Plant Ecology / Seminar in Pflanzenökologie.**
Registration by 15.8.2024 at KSL. Wednesday 16.15-17.30.
Start: Wednesday, 18. September 2024, 16.15 h,
lecture hall 020¹⁾.
1.5 ECTS
Dr. G. Rutten, Dr. B. Ximenes, Prof. Dr. E. Allan, Prof. Dr. M. Fischer
- [9480](#) Global Change Ecology. Seminar.**
Registration by 15.8.2024 at KSL. Monday 8.30-9.45
Start: Monday, 16. September 2024, 8.30 h, lecture hall 020¹⁾
1.5 ECTS
Dr. D. Prati, Prof. Dr. M. Fischer
- [100222](#) Statistical Analysis of Experiments for Ecologists. An Introduction to R. 1 hour lecture and
2 hours exercises.**
Registration by 15.8.2024 at KSL. Tuesday 13-16
Start: Tuesday, 17. September 2024, 13.15 h, lecture hall 020¹⁾.
3 ECTS
Dr. D. Prati, Prof. Dr. M. Fischer

- [100477](#) **Lecture series in plant and animal conservation ecology, PACE seminar.**
Thursday 16-18.
Start: Thursday, 19. September 2024, 16.15 h, lecture hall 020¹⁾.
2 ECTS
Prof. Dr. R. Arlettaz, Prof. Dr. M. Fischer
- [100246](#) **Lecture series in ecology and evolution. Seminar.**
Tuesday 16-18
Start: Tuesday, 17. September 2024, 16.15 h, Haller-Auditorium 248, Geologie, Baltzerstrasse 1.
1.5 ECTS
Prof. Dr. R. Arlettaz, Prof. Dr. M. Fischer, Prof. Dr. W. Tinner
- [476643](#) **Ecology Lecture Series. Seminar.**
Friday 15-17
Start: Friday, 20. September 2024, 15.15 h, Hörraum 120, Hauptgebäude H4, Hochschulstr. 4.
1.5 ECTS
Prof. Dr. E. Allan, Prof. Dr. M. Thakur
- [431334](#) **Independent Work in Plant Ecology / Selbständige Arbeit in Pflanzenökologie.**
Registration by 15.8.2024 at KSL. At the beginning of the semester.
3 ECTS
Prof. Dr. E. Allan, Prof. Dr. M. Fischer, Prof. Dr. W. Tinner
- [10459](#) **Palaeoecology and Palaeoclimatology of the Alps and their forelands. Lecture.**
Registration at KSL. Monday 10.15-11.00.
Start: Monday, 16. September 2024, 10.15 h, lecture hall 020¹⁾.
1.5 ECTS
Prof. Dr. W. Tinner
- [433644](#) **Plants in their environment. Proseminar.**
Registration by 15.8.2024 at KSL.
Thursday 8-9
Start: Thursday, 19. September 2024, 8.15 h, seminar room 201¹⁾.
1.5 ECTS
**Prof. Dr. E. Allan, Prof. Dr. M. Erb,
Prof. Dr. M. Fischer, Prof. Dr. W. Tinner**
- [10446](#) **Colloquium in Plant Biotic Interactions / Kolloquium zu „Biotische Interaktionen der Pflanzen“.** Registration by 15.8.2024 at KSL.
Wednesday 9-10.
Start: Wednesday, 18. September 2024, 9.15 h, seminar room 201¹⁾.
1.5 ECTS
Dr. Z. Bont, Prof. Dr. M. Erb., Prof. Dr. C. Robert

[484165](#) **Vortragsreihe Naturforschende Gesellschaft Bern, biologische Vorträge.**
1 ECTS

Prof. Dr. M. Raissig, Prof. Dr. W. Tinner,
Prof. Dr. C. Peichel, Dr. S. Hertwig

[100372](#) **Courses in Plant Biology at the Universities Fribourg and Neuchâtel (BENEFRI)
/ Lehrveranstaltungen in Pflanzenbiologie an den Universitäten Fribourg und
Neuchâtel im Rahmen von BENEFRI.** Nach besonderer Ankündigung.

Prof. Dr. M. Erb, Prof. Dr. D. Rentsch, Prof. Dr. M. Raissig

Master in Ecology and Evolution (Specialisation in Plant Ecology), Master in Molecular Life Sciences (Specialisation Plant Physiology) and Master in Climate Sciences

1) Institute of Plant Sciences, Altenbergrain 21, 3013 Bern

[103787](#) **Journal club: Plant diversity. Seminar (1 h).**
Registration by 15.8.2024 at KSL. Wednesday 15.00-16.00
Start: Wednesday, 18. September 2024, 15.00 h, seminar room 201¹⁾.
2 ECTS

Prof. Dr. E. Allan, Dr. G. Rutten

[2225](#) **Laboratory Safety. Block course (3 days).**
Registration by 15.8.2024 at KSL.
4.-6. February 2025,
Start: Tuesday, 4. February 2025, 8.15 h, lecture hall Institute of Plant
Sciences
1.5 ECTS

Dr. P. von Ballmoos, Prof. Dr. Z. Tadele, Prof. Dr. D. Rentsch

[100204](#) **Seminar in Palaeoecology and Palaeoclimatology.**
Registration at KSL. Wednesday 10-11.
Start: Wednesday, 18. September 2024, 10.15 h, seminar room 201¹⁾.
3 ECTS

Dr. E. Gobet, Dr. C. Schwörer, Prof. Dr. W. Tinner

[445466](#) **Environmental impact of transgenic plants, lecture. Weeks 11-14.**
Registration by 15.8.2024 at KSL.
Tuesday 9.15-12.00.
Start: Tuesday, 26. November 2024, 9.15 h, seminar room 101, library¹⁾.
1.5 ECTS

PD Dr. J. Romeis

[490716](#) **Solving Current Challenges in Plant-Herbivore Interactions, Module 2a.**
Registration by 15.8.2024 at KSL.
Lecture (on Tuesdays 10-12 h) and free experimentation.
Start: to be announced in KSL
5 ECTS

Prof. Dr. M. Erb, Prof. Dr. C. Robert