

Module Handbook (<https://modhb.uni-kl.de/>)

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Notes on the module handbook of the department Biology

The below displayed informations on the courses of study, modules and courses of the department of Biology are still under construction. Till this process will be finished please use our module handbooks on

<https://www.bio.uni-kl.de/studium-lehre/studiengaenge/> (<https://www.bio.uni-kl.de/studium-lehre/studiengaenge/>)

Course BIO-POS-02-K-3

Plant Ecology I (14L, 10.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
14	L	Practical course	10.0 CP	196 h / 104 h
(14L)			10.0 CP	196 h / 104 h

Basedata

SWS	14L
CP, Effort	10.0 CP = 300 h
Position of the semester	1 Sem. in SuSe
Level	[3] Bachelor (Core)
Language	[DE/EN] German or English as required
Lecturers	Briegel-Williams, Laura, Dr. (WMA DEPT: BIO) (/staff/105/) Wirth, Rainer, Dr. (WMA DEPT: BIO) (/staff/128/)
Area of study	[BIO-MBO] Molecular Botantics
Lifecycle-State	[NORM] Active

Contents

Research area: Species rich moss and lichen vegetation in semi-arid grassland and Sedo-Scleranthetalia in an open andesite stone quarry at Schneeweiderhof (Northern Palatinate mid-mountain area)

Field course: Field work with overnight tent camping at Schneeweiderhof; method oriented research projects and individual scientific projects that are developed by the students

Lab work (TU, department plant ecology and systematics): Lab analysis, data evaluation, statistics, presentation techniques, accompanying literature seminar

Subjects: Activity patterns, performance and ecological plasticity of selected cryptogam species under natural conditions. Vegetation analysis of structure and dynamics of cryptogam communities. Plant functional groups, environmental filtering, anthropogenic disturbance and ecology of vegetation regeneration

Method spectrum: gas exchange, chlorophyll fluorescence, micro climate measurement, experimental design and statistics, sampling and analysis of species communities, species identification, project oriented research by students

Literature

wird bekannt gegeben

Registration

Requirements for attendance (informal)

Inhalte aller 19 Grundmodule

Requirements for attendance (formal)

Zulassung zum Bachelorstudiengang Biologie

Erfolgreiches Absolvieren des [\[BIO-GM8-M-2\]](#) ([/mhb/modules/BIO-GM8-M-2/](#)) *Grundmodul 8: Ökologie/Biodiversität/Evolution*

References to Course [BIO-POS-02-K-3]

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