

Module Name Seminar Ecology, Evolution and Environment						
Type of Module ○ Basic Module				Module Code Ecology Seminar		
Identification Number MN-B-E 2	Workload 180 h	Credit Points 6 CP	Term 1 st term of studying	Offered Every Winter term	Start Winter term only	Duration 1 term
1	Course Types Seminar		Contact Time 60 h	Private Study 120 h		Planned Group Size 12 students
2	Module Objectives and Skills to be Acquired Students who successfully completed this module <ul style="list-style-type: none"> • have acquired knowledge of field ecology, invasive biology and fish biology. • have acquired knowledge of modern methods in ecological research. • have improved their knowledge on current aspects of evolutionary ecology in the fields of aquatic, terrestrial and chemical ecology. • gain knowledge in the presentation of research results in oral form and critical discussion of scientific publications related to the topic of the module on a professional level. • have the ability to transfer the skills acquired in this module to other fields of biology. 					
3	Module Content Major parts of the seminar will take place as field seminar during a weekend at the Ecological Research Station in Grietherbusch (s. 11). Further parts of the seminar correspond to the tutorial and take place during afternoons at the Biocenter, Cologne; dates will be announced during the tutorial					
4	Teaching Methods <ul style="list-style-type: none"> • Seminar; Excursions; Training on presentation techniques in oral form 					
5	Prerequisites (for the Module) Enrollment in the Master´s degree course "Biological Sciences"; Simultaneous participation in the lecture "Ecology, Evolution and Environment" as well as in the tutorial "Ecology, Evolution and Environment"					
6	Type of Examination Oral presentation (100 % of the total module mark)					
7	Credits Awarded Regular and active participation; Oral presentation at least "sufficient"					
8	Compatibility with other Curricula None					
9	Proportion of Final Grade 7.5 %					

10	Module Coordinator Prof. Dr. Hartmut Arndt; phone 470 3100, e-mail: teach-ecology@uni-koeln.de
11	Further Information Participating faculty: Prof. Dr. H. Arndt, Prof. Dr. M. Bonkowski, apl. Prof. Dr. J. Borcharding, Dr. K. Dumack, Prof. Dr. E. von Elert, PD Dr. K. Lampert, Dr. F. Nitsche, Dr. C. Sánchez Arcos, Dr. A. Scherwaß, JProf. Dr. A.-M. Waldvogel Literature: <ul style="list-style-type: none">Information about textbooks and other reading material will be given on the ILIAS representation of the course (https://www.ilias.uni-koeln.de/ilias/goto_uk_cat_2815610.html) General time schedule: Weeks 1-14: Seminars and oral presentations (starting at 2:00 p.m. at different dates, more details will be given in the introduction to the module). From Fri., October 22 at 2.:00 p.m. to Son., October 24 at 4:00 p.m.: Field seminar at the Ecological Research Station of the Institute of Zoology in Rees-Grietherbusch. Introduction to the module: October 11, 2021 at 2:00 p.m. (further information see ILIAS folder) Important note: Due to the specific conditions of teaching and practical work the participation requires a complete vaccination against Covid 19.