
Lök370 - Ornithology in theoretical Concepts

Module label	Ornithology in theoretical Concepts	
Modulkürzel	lök370	
Credit points	6.0 KP	
Workload	180 h	
Verwendbarkeit des Moduls	• Master's Programme Landscape Ecology (Master) > Wahlpflichtmodule • Liedvogel, Miriam (module responsibility) • Liedvogel, Miriam (Module counselling) • Bouwhuis, Sandra (Prüfungsberechtigt) • Köppl, Christine (Prüfungsberechtigt) • Langemann, Ulrike (Prüfungsberechtigt) • Liedvogel, Miriam (Prüfungsberechtigt) • Mouritsen, Henrik (Prüfungsberechtigt) • Schmaljohann, Heiko (Prüfungsberechtigt)	
Zuständige Personen		
Prerequisites		
Skills to be acquired in this module	The module imparts advanced knowledge on different aspects of ornithology. The students acquire: • An extended knowledge of morphological and physiological fundamentals and the resulting ecological and behaviour-biological consequences in birds • Knowledge, presentation and discussion of relevant English literature from various fields of ornithology	
Module contents	Lecture "Ecology and Physiology of Birds": This lecture consolidates special aspects of systematics, morphology, physiology, migration, orientation, population biology, communication and behavioural ecology in birds. Bairlein F (1996) Ökologie der Vögel. G. Fischer, Stuttgart. Bennett PM, Owens IPF (2002) Evolutionary Ecology of birds: Life histories, mating systems, and extinction. Oxford Berthold P (1996) Control of bird migration. Chapman & Hall, London. Brooke M, Birkhead T (1991) The Cambridge Encyclopedia of Ornithology. Cambridge UP, Cambridge. Carey C (1996) Avian energetics and nutritional ecology. Chapman & Hall, New York. Catchpole CK, Slater PJB (1995) Bird song. Cambridge UP, Cambridge. Danchin E, Giraldeau L-A, Cézilly F (2008) Behavioural Ecology. Oxford Farner DS, King JR (eds., 1971-1993) Avian Biology. Vol. I-IX. Academic Press, New York. Furness RW, Monaghan P (1987) Seabird Ecology. Blackie, Glasgow. Gill FB (1990) Ornithology. Freeman, New York. Newton I (2008) The Migration Ecology of Birds. Academic Press, Amsterdam. Podulka S, Rohrbaugh RW, Bonney R (2004) Handbook of Bird Biology. Cornell Lab of Ornithology, Ithaca. Scanes CG (2015) Sturkie's Avian Physiology, 6th edition. Academic Press Scott G (2010) Essential Ornithology. Oxford University Press, Oxford	
Literatureempfehlungen		
Links		
Language of instruction	English	
Duration (semesters)	1 Semester	
Module frequency	jährlich	
Module capacity	30	
Type of module	Wahlpflicht / Elective	
Module level	MM (Mastermodul / Master module)	
Teaching/Learning method	Vorlesung	
Examination	Prüfungszeiten	Type of examination
Final exam of module	Written exam in the last week of the term	Written examintaion
Lehrveranstaltungsform	Lecture	

SWS
Frequency

4
WiSe