Georg-August-Universität Göttingen **Module M.Biodiv.488: Conservation biology: Ornithology**	6 C 8 WLH

Learning outcome, core skills: Students acquire knowledge on the recording and biology of native bird species. This includes knowledge of species characteristics (optical, acoustic), habitat requirements, food, breeding biology, wintering, population trends and causes of endangerment. An overview of bird orders, special sensory abilities of birds and a first insight into their social systems are also part of this. The nationwide and Europe-wide monitoring of breeding birds is taught. Students learn the visual and acoustic identification of bird species in the field and mapping methods. The method of territory mapping is deepened in the exercises and includes field surveys, data evaluation and presentation of the results on maps. The use of a digital tool for recording is taught. The students acquire knowledge to compare different habitats with regard to their avifauna. Competences: Knowledge of the biodiversity of the native avifauna and its ecology as well as field methods for its quantitative survey.	**Workload:** Attendance time: 112 h Self-study time: 68 h

Course: M.Biodiv.488.VL **Biology of selected bird species** (Lecture)	2 WLH
Course: M.Biodiv.488.Ue **Identification of birds in the field and methods in ornithology** (Exercise)	6 WLH
Examination: Minutes / Lab report (max. 20 pages) M.Biodiv.488.Mp: Ornithology	6 C

Examination requirements: Biodiversity of the indigenous avifauna as well as of field methods for its identification and evaluation of the endangerment potential on species and population level.	

Admission requirements: none	**Recommended previous knowledge:** Knowledge of the songs of the most common bird species
Language: English	**Person responsible for module:** Eckhard Gottschalk
Course frequency: each summer semester	**Duration:** 1 semester[s]
Number of repeat examinations permitted: twice	**Recommended semester:**
Maximum number of students: 18	