| Georg-August-Universität Göttingen | 6 C |
| **Module M.INC.1005: Population biology in nature conservation** | 8 WLH |

Learning outcome, core skills:	**Workload:**
Study of the methodology of an endangerment analysis (population viability analysis, PVA) of an animal species (case study partridge). The students determine causes of endangerment and develop options for the nature conservation in the cultural landscape. The students transfer empirically collected own data and data from the literature to a population model and develop a modeling of an endangered animal population.	Attendance time: 112 h Self-study time: 68 h
Core skills: collection and analysis of field data; use of population models; development of management options for an endangered animal species; knowledge of the telemetry as an important method for the registration of movement patterns of vertebrates.	

Course: Population viability analysis (Lecture)	
Course: Population viability analysis (Exercise)	

Examination: Assignment (max. 20 pages) M.INC.1005.Mp: Population biology in nature conservation **Examination prerequisites:** Presentation (15 min)	6 C

Examination requirements: Knowledge of the potential endangerment of specific animal species and measures for their protection in the cultural landscape. Modeling of endangered animal populations.	

Admission requirements: none	**Recommended previous knowledge:** none
Language: English	**Person responsible for module:** Eckhard Gottschalk
Course frequency: each winter semester	**Duration:** 1 semester[s]
Number of repeat examinations permitted: twice	**Recommended semester:** 1
Maximum number of students: 12	