2 WLH

6 C Georg-August-Universität Göttingen 4 WLH Universität Kassel/Witzenhausen Module M.SIA.A09: Sustainability in organic livestock production under temperate conditions Learning outcome, core skills: C/Weekly lecture Animal welfare II hours in total: Attendance time: Students have an advanced understanding of the ethical and biological basis of animal 60 h Self-study welfare and of scientific animal welfare concepts and methods in relation to organic time: 120 h husbandry principles. System approach in livestock production Reflection on the differences between different approaches in livestock production from a scientific and from a practical perspective and their implications on the implementation of production goals in dependence on different farm types. Courses: 1. System-orientierter Ansatz in der Nutztierhaltung (Seminar) 2 WLH Contents: Basics of system theory; how to define an open system; how to assess the performance of a system; emergent properties of farm systems; differences between technical and systematic approaches in livestock production with respect to different production goals;

possibilities and limitations of a systematic approach to improve animal health and the

dimensions of welfare on the basis of current scientific papers and taking into account

(Gewichtung: 50%) und mündliche Prüfung (ca. 15 Minuten, Gewichtung: 50%)

Ethics, scientific concepts in animal welfare research, reflection on the different

Examination: Hausarbeit (max. 30 Seiten) oder Referat (ca. 20 Minuten)

Admission requirements:	Recommended previous knowledge: Basic knowledge (B.Sc. level) of animal sciences
Language: English	Person responsible for module: Prof. Dr. Ute Knierim
Course frequency: each summer semester; Witzenhausen	Duration: 1 Semester[s]
Number of repeat examinations permitted: twice	Recommended semester:
Maximum number of students:	

Additional notes and regulations:

efficiency in the use of limited resources.

2. Animal Welfare II (Seminar)

Contents:

organic principles

Literature:

Animal welfare II

Appleby, M.C., Hughes, B.O. (eds) 1997: Animal welfare. CAB International, Wallingford; Vaarst, M. et al. (eds.) 2004: Animal health and welfare in organic Agriculture. CAB International, Wallingford UK.

System approach in livestock production

Appleby, M.C., Hughes, B.O. (eds) 1997: Animal welfare. CAB International, Wallingford; Vaarst, M. et al. (eds.) 2004: Animal health and welfare in organic Agriculture. CAB International, Wallingford UK