Course title:	Good practice in animal production
Course title in Polish:	Dobre praktyki w produkcji zwierzęcej
Course for discipline:	Animal science and fisheries

Semester:	4	**Status of course:**	faculty	**Language:**	english
Academic year:		**Catalog number:**			

Coordinator of course:	Dr hab. Kamila Puppel, prof. SGGW
Lecturer od course:	Members of staff of the Institute of Animal Sciences, External stakeholders
Executing unit:	Department of Animal Breeding and Nutrition
Ordering unit:	Doctoral School SGGW
Assumptions, goals and description of the course:	Assumptions The aim of the course will be to introduce the size of production of particular groups of animals under national and European conditions, as well as measures whose introduction would be associated with significant improvements in a given branch of livestock production. The entirety of the solutions presented in the course will, in the final aspect, boil down to collecting good practices and proposing one's own, which could be successfully included in this canon. Description: The subject will be implemented in several thematic blocks, concerning selected farm animal species (e.g. poultry, pigs, cattle). Topics will include basic issues related to: - the size of a sector of animal production (both in terms of Poland and Europe), - the conditions of keeping animals under the practised husbandry systems, - the factors determining the current status of a given animal production and the possibilities for its development. As part of a broader view of a given livestock sector, students will be introduced to a variety of forms of good practices which can, for example, significantly improve the overall work carried out during rearing, reduce feed losses, increase the level of animal welfare. By concept, the subject is aimed at persons carrying out their experiments using animals for livestock, which require the supervisors (in this case PhD students) to be familiar with the maintenance standards of the animal species in question. Each of the practices presented in the course will provide students with an opportunity to broaden their knowledge, which may subsequently lead to the introduction of a given practice within the framework of the experiments carried out, or to treat the proposed practice as a form of foundation for planning subsequent experiments. An additional added value for the doctoral student is the opportunity to expand his or her own knowledge with new issues, which he or she could then present during industry training or ongoing teaching activities with students. External stakeholders will also be invited to meetings with students to present good practices implemented as part of their activities, which makes it possible to establish broadly understood cooperation between the company and the doctoral student participating in the course.
Didactic form, number of hours:	Lectures, number of hours 10
Teaching methods:	Lecture, discussion, interpretation of source texts, consultation
Limit of people in the group:	

Learning outcomes

KNOWLEDGE - the graduate knows and understands:	**SKILLS - the graduate is able to:**	**COMPETENCES - the graduate is ready to:**
To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Critically evaluate the achievments in the field/discipline represented
Major general development trends in the field/discipline		Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect
		Support the ethos of scientific circles and conduct independent research

The method of verification of learning outcomes:	Project work in subgroups
Form of documentation of achieved learning outcomes:	Pass mark for project work
Elements and weights of the final grade:	100% - pass mark
Place of the course:	Didactic classroom, laboratory

Basic and supplementary literature

Branch scientific journals: Poultry Sciences, Polish Journal of Food and Nutrition Sciences, Journal of the Science of Food and Agriculture, Journal of Dairy Science, Journal of Food Science, The Journal of Animal & Plant Sciences, International Dairy Journal, Meat Science, Animal Science Papers and Reports, Animals, Journal of Animal and Feed Sciences Animal Science, Animal Bioscience.

Comments:	

Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:	16

Leraning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:		
Symbol:	**Learning outcomes:**	**8 level NQF**
SD1_KW01	To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major general development trends in the field/discipline	P8S_WG
SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KK01	Critically evaluate the achievments in the field/discipline represented	P8S_KK
SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR