

Subject name	Swine Breeding Behaviour and Welfare	
Subject code	HTCa.SWI9.SM.HZOXY	
Department	Swine and Small Animals Breeding	
Faculty	Animal Sciences	
Subject supervisor/Lecturer	Dr. Jacek Nowicki	
General information	semester	summer
	ECTS credits	6
	Lectures total	20 hrs
	Classes	10 hrs
Objective and general description	<p>The aim of the course is to provide the knowledge of the basic rules of swine breeding regarding the natural behavioural needs of pigs, as well as to understand how the welfare can affect the productive result.</p> <p>Lectures: Terms used in pig production Rules of care and rearing piglets Essentials of feeding Housing systems for pigs regarding adaptation possibilities Fattening and slaughter value evaluation methods Basic aspects of reproduction The natural behaviour of pigs Advances in the study of cognition, behavioural priorities and emotions Pigs and humans – the impact on productive results Welfare of pigs during transport and slaughter</p> <p>Classes Welfare of pigs in the farrowing environment- assessment methods for piglets and sows Behavioural tests of maternal responsiveness of sows Housing of fattening pig – the impact on welfare and economic results Preference tests of cognition abilities Welfare of dry sows in different housing systems – methods of evaluation</p>	
Assessment method	Final examination	
References	Domestic animal behaviour and welfare, D. M. Broom, A.F. Fraser, CAB International, 2007 Principles of Pig Science, D.J.A. Cole, J.Wiseman and M. A.Varley, Nottingham University Press, 1994 The Sow: Improving her efficiency, P.R.English, W.J.Smith and A. MacLean. The Farming Press, 1982 The Welfare of Pigs, edited by J.N. Marchant-Forde, Springer, 2009	