The Rhine-Waal University of Applied Sciences in Kleve and Kamp-Lintfort offers an innovative, international environment combined with first-rate teaching in interdisciplinary Bachelor and Master's degree courses, taught mainly in English. It is strong in conducting research in disciplines such as technology, natural sciences and social sciences. More than 7,000 students have already enrolled at the Rhine-Waal University of Applied Sciences.

The University of Applied Sciences has to award for the faculty Life Sciences in the Bachelor ´s degree courses Sustainable Agriculture, B.Sc. at the campus in Kleve in the summer semester 2021 the following

Lectureship

within the meaning of Section 43 of the Law regarding the Universities in the State of North Rhine-Westphalia (HG NRW):

Reference number 07/LA/21
Subject area/Module: „Agroecology II and Agronomy“

The freelance lecturer shall take over the lecture in the amount of 4 weekly lecturing hours (appr. 32 in total) in the module "Agroecology II and Agronomy" (4th semester) of the bachelor course Sustainable Agriculture, B.Sc.. The lectures shall be held in English and can be done as remote teaching using video conference tools.

Teaching contents

Classification systems of global land use; basics, principles and concepts of cropping systems; arable farming and fodder production; introduction to grassland systems; relevant annual and perennial crops of temperate, subtropical and tropical regions; crop rotations and interactions in crops; aspects of sustainability in cropping systems; agroecological practices and scientific evidence; sustainability management, auditing, labelling and control systems in plant production (organic food standards, HACCP, Global Gap); application of methods for sustainability assessment (e.g. carbon or water footprint, ecological rucksack, nutrient balances); application of agronomic methods in plant production

Learning objectives

On successful completion of this module, students should

- know the relevant principles and concepts of global land use and cropping systems
- know how annual and perennial crops are cultivated in arable farming systems, fodder production and grassland systems
- be able to relate their knowledge to its relevance in creating sustainable cropping systems
- apply methods of sustainability evaluation
- present and document results and findings in a scientifically appropriate format
- be able to evaluate cropping sequences in agricultural systems regarding their sustainability

- be able to critically discuss possibilities and shortcomings of more sustainable cropping systems in relation to the investigated sustainability parameters

Requirements:

The lecturer shall have a corresponding university degree and have practical experience. Didactic skill and the ability to hold the course with an international group of students in the English language are required (the language level shall be C1 according to the European reference framework).

The Rhine-Waal University of Applied Sciences offers lectures a systematic networking with the university as well as the opportunity of a specific training development to ensure a sustainable skill improvement, a closely link between theory and practice and a support for the personal development of lectures.

It is asked to send in just copies of documents as these cannot be returned.

Please send your application **until 15.02.2021** via e-mail **stating the reference number and the module title** addressed to

Contact person:
Title Prof. Dr. Florian Wichern
E-mail: florian.wichern@hochschule-rhein-waal.de

For questions and further information please contact the mentioned contact person above.