Visiting Professors

Academic year 2018/2019

2nd term

COURSE TITLE
MD Livestock feeding and nutrition I

Scientific area
Monogastric nutrition

Department of Agricultural, Forest and Food Sciences

Language used to teach
English

Teaching Commitment: 30 hours

Course summary
Nutrition and applied feeding of swine in the different productive phases
Factors influencing swine nutrition: feed intake; thermal environment; antinutritional factors; pig meat quality; environmental pollution. Feedstuffs and diet formulation for swine.

Learning objectives
Following the goal of the curriculum in Animal Nutrition and Feed Safety of Animal Sciences degree, the module of the course aims to provide knowledge on swine nutrition. Specific objectives include providing a balanced technical scientific competence so that students will be competent in dealing with the most important problems of pig feeding and nutrition with particular attention to pork transformation industry and environment sustainability.

The topics examined are all in the area of livestock production.

Tutorship activities
Tutorship on PhD students and for undergraduate students preparing the final thesis.

Lab activities
Field trips and practical visit of feed factory and farms
Experimental farm: preparation of diets

Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences
Seminary activities to PhD students on the following topic: Principle of pig nutrition and gut health

Visiting Professor Profile
The candidate has proven expertise in swine nutrition and swine production, through research activities, field experience and academic career and performance (lecturing, publications, awards, etc.). He/she is an internationally established researcher or professor and will fully represent the area of swine nutrition in teaching (in English language). The visiting professor will be mainly involved in 2nd level university programs of the Department of Agricultural, Forest and Food Sciences and Veterinary Science, in particular Animal Sciences (LM-86), but also in the education of undergraduate
students. Furthermore, he/she is also expected to strengthen main research activities within the department and to integrate into planned research projects.

**Contact person at the Department**
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