Education and training

20-21 October 2014
Wageningen, The Netherlands
Nutrition and (hot) climate in poultry

Are you ready to broaden and deepen your knowledge and understanding of nutrition and (hot) climate in poultry? Then the course nutrition and (hot) climate in poultry might be just the thing for you. In the course basic aspects of nutrition and acclimation physiology and the interaction between the impact of climate conditions on nutrition and the nutritional requirements of poultry will be covered.

Our approach

The course includes a variety of presentations spread over two consecutive days. The topics are introduced by different experts and there will be an ample opportunity for discussion.

In this course we will cover to the following topics:
- Interaction of climate and nutrition (and immunology)
- Thermoregulation and physiological responses upon climate stress
- Effect of climate on protein and energy metabolism and utilization
- Chick development and early management in relation to (hot) climate
- Nutrition and ingredients in hot climate
- Heat stress in laying hens
- The role of nutrition and climate on metabolic disturbances

Presentations and documentation will be in English.

Learning outcomes

After the course, the participants will understand:
- The scientific basis of the interaction between (hot) climate and nutrition as well as the effects of individual feed ingredients;
- The influence of nutrition and climate on immunology, stress and the occurrence of metabolic diseases;
- The importance of nutrition and climate for a high-quality, safe end product;
- The latest developments in the field against the background of changing societal perceptions of poultry production practices

Target audience

The course is aimed at professionals working as a nutritionist, advisor, veterinarian, manager, teacher, researcher. But also other professionals involved in poultry production or from the (supplying) industry or government are welcome in this course.

Participants are assumed to have a basic knowledge of feedstuffs and diet formulation, and the principles of the chemical and biological evaluation of feedstuffs in an agricultural context.

Practical information
- Course fee: The course fee of €1395 includes tuition, course materials, coffee / tea, lunches and dinner.
- If desired, we can make a hotel reservation for you.
- Lectures and course materials are in English.
- Participants will receive a certificate of attendance.
- Course leaders: Prof E. Decuypere (KU Leuven) and Dr R.P. Kwakkel (Wageningen University)

Contact person

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For more information and registration: http://www.wageningenur.nl/en/Education-Programmes/Wageningen-Academy-1/Expertises/Animal-1/show/Course-Nutrition-and-hot-climate-in-poultry.htm

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WVEPAH
World Veterinary Education in Production Animal Health
Poultry Branch
info@wvepah.org · www.wvepah.org
uni.lu UNIVERSITY OF LUXEMBOURG

World Veterinary Education in Production Animal Health (WVEPAH)

WVEPAH is a new branch of the "European Association for Veterinary Specialization" (EAVS), a non-profit organization registered in Luxembourg since 1989. In 1992 EAVS created the "European School for Advanced Veterinary Studies" (ESAVS, www.esavs.org)which offers high quality continuing education and is officially affiliated with the University of Luxembourg. WVEPAH has a similar structure as the ESAVS and is also affiliated with and supported by the OIE and includes OIE standards and regulations in its training programmes.

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Participants of WVEPHA programmes acquire new skills and knowledge which they can immediately apply in their daily field activities.

- WVEPAH programmes consist of a series of courses in a particular field of poultry health and production. A typical study programme is composed of 3 residential Courses of 10 days duration each, with web based distance learning modules in between the courses. Courses include lectures, discussions, demonstrations, cases presentations and laboratory work. Special emphasis is given on how to investigate field problems, including data analysis and laboratory test interpretation.
- Each course is taught by course masters who are internationally recognized specialists in their field and have excellent didactic skills.
- The target audience consists of professionals with an academic degree in veterinary or agronomic studies.
- The courses are designed for those professionals in the poultry industry who wish to broaden their knowledge in the area of poultry health and production with strong emphasis on health management. Intensive training is provided at an advanced level with major emphasis on a case oriented and problem-solving approach.
- Subject to evaluation by the WVEPAH course masters, previous training and experience can enable participants to enter the programme in the second module.

- Participants also have the possibility to pursue a certificate. After completion of the second module, which includes a section on regulation taught by the OIE, they can take an examination in order to obtain a: Certificate in Production Animal Health: *Poultry Production and Health*which is validated by the OIE.

List of courses, locations, dates, registration conditions see: www.wvepah.org.

European Master in Sustainable Animal Nutrition & Feeding
Erasmus Mundus MSc programme

Why choose this programme?

Are you interested in all aspects of Animal Nutrition and want to study in an international, intercultural setting which supports you to work with scientists and specialists at global research facilities? Then the MSc programme on Sustainable Animal Nutrition and Feeding (EM-SANF) is the right programme for you.
This unique joint MSc programme aim to decrease the shortage of academics in this field by educating third country and European students a state of the art, 2-years Master programme in the feeding and nutrition of food producing animals. It provides a multidisciplinary approach towards productivity, welfare, environmental and economic impacts of animal production for all major animal species. EM-SANF is an international programme with links to international feed companies and capacity building in developing countries.

What's in it for you?
Student Mobility and experience different cultures

EM-SANF is one of its kind in its approach towards student mobility. By bringing together four universities with additional support of industrial and institutional partners worldwide students from all over the world are able to get the latest insights from recently finished research. The course is 'thesis-oriented'. Students work from the first week during the first year towards their thesis, the research for which is conducted in the second year. All subjects during both semesters are therefore in principle 'thesis-preparing' subjects closely linked to the future thesis work. By following courses at two university in year 1 you experience different cultures and educational environments. you will study with students from all over the world which provides extra international dimension to your study.

Which Universities are involved?
Combining strengths

The aim of EM-SANF aligns closely to achieving a second, double green revolution in the newly emerging and complex concept of sustainable animal production. The four university work together providing specialized subjects in their respective fields of expertise. The universities have high joint publication rates, experience from participation in joint EU projects, Erasmus Mundus joint Doctorate, joint PhD courses, and Erasmus exchange agreements.

More information
More information about the programme, admission and application can be found on www.emsanf.eu.

University of Glasgow
Egg and egg quality workshops

1 or 2 day workshops providing basic information and practical training on the assessment and factors affecting egg and eggshell quality.

Designed to take the 'science to the industry' these workshops can be held either 'in house' allowing for a larger audience or hosted by the University of Glasgow Veterinary School (limited spaces).

Contact:
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Colorado State University, USA
Correspondence Courses in Poultry Science and Production

Contact:
Dick Thomas, Program Coordinator, Division of Continuing Education, Colorado State University, Rockwell Hall, Fort Collins, Colorado 80523, USA

Avian Science Research Centre (ASRC), Ayr, UK
Poultry studies at SRUC (Scotland's Rural Colleges)

Staff at SRUC and ASRC (Avian Science Research Centre) are involved in teaching but also in providing an innovative research and development service for the poultry sector and government and an international consultancy service. This means that as a student at SRUC you are taught by a team of staff that will provide you with up-to-the-minute information and insight into the commercial world beyond the College environment. We believe that no other education institution can offer this combination of expertise and experience.

The courses outlined below can be studied on a full-time, part-time and distance learning basis and individual modules can be taken as part of CPD programme.

Undergraduate Courses in Poultry Production
SRUC offers the following undergraduate poultry programmes, which have been devised in conjunction with the poultry industry:

- **Higher National Certificate (HNC) in Poultry Production** 1 year (Full-Time) or 2 years (by part-time on-campus or part-time online distance learning study).
- **Poultry Training courses and SVQ/NVQ Assessments in Poultry Production are also available from SAC**.

Postgraduate Courses in Poultry Science
SRUC offers the following postgraduate qualifications validated by the University of Glasgow as part of a flexible distance learning programme specifically tailored to meet your needs:

Postgraduate Certificate Applied Poultry Science – awarded for completion of any 4 poultry modules from the list below.

Postgraduate Diploma Applied Poultry Science – awarded for completion of all modules from the list below.

MSc Applied Poultry Science – awarded for completion of all modules from the list below plus the successful completion of a Research Project and Dissertation.

Poultry Production Systems, Poultry Health & Hygiene, Advanced Nutrition, Housing & Environmental Issues for the Poultry Industry, Poultry Nutrition and Growth, Incubation & Hatchery Practice, Poultry Behaviour and Welfare, Experimental Design, Data Analysis and Interpretation, Management skills.

To discuss any aspects of the above or to request information on any of our courses, please contact:

For Undergraduate Programmes and Poultry Training
Ms Lorraine Mcaulay, SRUC Ayr, Riverside Campus, University Avenue, Ayr KA8 0SX, United Kingdom
Phone: +44 (0)1292 886171
E-mail: lorraine.mcaulay@sruc.ac.uk
For Postgraduate Programmes
Dr Jill Offer, SRUC Ayr, Riverside Campus, University Avenue, Ayr KA8 0SX, United Kingdom
Phone: +44 (0)1292 886178
E-mail: jill.offer@sruc.ac.uk

University of Georgia Cooperative Extension Service
Educational materials

A range of items including bulletins, posters, slide sets, films/video films and computer programmes is available from the Poultry Science Department.

Contact:
Cooperative Extension Service A-V Library, Hoke Smith Building, The University of Georgia, Athens, GA 30602, USA

University of Bristol, Langford, UK
MSc Meat Science course, one year full-time (1 October - 30 September) with part-time and distance learning options

A unique training course for students with a basic understanding of science who are seeking a career in the increasingly technical meat industry. The modular format includes poultry production and processing.

Contact:
Dr P.R. Sheard, University of Bristol, Division of Farm Animal Science, Langford, Bristol
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E-mail: peter.sheard@bristol.ac.uk
http://www.vetschool.bris.ac.uk/courses/msc

University of Melbourne, Australia
Interested in studying Avian Health?

Online Distance Education Courses available from the University of Melbourne, Faculty of Veterinary Science

Postgraduate Certificate in Avian Health
Master of Avian Health and Medicine

For more information visit: www.avianhealthonline.vet.unimelb.edu.au

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Texas A&M University, USA
Poultry Meat Production Certificate programme

The Poultry Meat Production Certificate programme is a non-transcripted online certificate programme in Poultry Science in the area of Poultry Meat Production. This programme is designed for those individuals who are seeking to increase their knowledge about poultry meat production. The certificate requires the satisfactory completion of four poultry science courses:

General Avian Science - Introduction to the poultry industry to include past, present and future industry dynamics; avian anatomy/physiology as they impact commercial production; management principles and practices of breeding, incubation, brooding, nutrition, disease control and marketing technology.

Poultry Meat Production - Modern integrated broiler and turkey production; housing and equipment, flock health, pest control, grower relations, marketing and financial management.

Breeder & Hatchery Management - Housing and equipment, incubation technology, embryology, nutrition and flock health.

Animal Waste Management - An applied approach to current and emerging issues relating to responsible management of animal waste; the role of biological aspects of production management decisions evaluated in an examination of regulatory and environmental requirements; current case studies and exposure to field situations.
All courses are taught by members of the Poultry Science faculty and are completely online.

For more information, please visit http://posc.tamu.edu/agenciesindustry/poultry-meat-production-certificate/

Or contact Liz Hirschler at lhirschler@poultry.tamu.edu

Poultry continuing education

A group of poultry and education specialists with many years experience working in Latin America (Dr Mario Plano, Dr DiMatteo and Dr Ana Andrada), offer these three-month diploma courses by e-mail, for plant managers, flock servicemen, veterinarians and others. A formal education is not required.

The courses are available in three modules:
1. Embryology for embryo diagnosis.
2. Embryo diagnosis.
3. Newly hatched chick pathology.For more information: http://www.poultryedu.net

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