Education and training

The following are listed to assist students and intending students around the world, however no judgement has been made by the World's Poultry Science Association or the World's Poultry Science Journal on the value of the courses or education materials offered.

6-8 April 2014
Wageningen, The Netherlands
Incubation biology and management

In the course 'Incubation biology and management', new insights from research and developments in society are translated into business concepts. Topics like incubation conditions, embryo development, embryogenesis and sensor techniques will be discussed during two consecutive days. The programme is an excellent opportunity to broaden / deepen your knowledge and understanding of incubation biology.

Content and method
The course includes a variety of presentations spread over two consecutive days and starts with an opening dinner on Sunday evening. The topics are introduced by different experts. There will be ample opportunity for discussion.

In this course we examine the following topics:

- The effects of the increase in size of incubators;
- The biological processes during embryogenesis. Some biological parameters during development may be used more frequently as an input in order to adapt and refine the controlling physical conditions;
- Change of chickens: the tremendous progress in selection methods and the specialization in selection objectives have altered the optimal range of conditions of incubation;
- New developments and techniques in the field of sensors for biological parameters useful in incubation;
- Variable factors that influence the embryo development:
  - o duration of holding eggs before incubation starts
  - o embryogenesis: this starts at the moment of fertilization
  - o age and nutrition of broiler breeders
  - o We will look into prospects for improved performance and its mutual interaction.

Target audience
The course aims to enrich the knowledge of professionals (academic level) and is intended for hatchery managers, poultry biologists, incubator manufacturers, engineers, poultry breeding companies, technical managers of poultry integration companies, veterinarians, researchers and teachers in poultry science. Participants from the (supplying) industry or government are also welcome to join this course.

Presentations and documentation will be in English.

Practical information
price: € 1.695,-
max. participants: 25
number of days: 3
dates: 6-8 April 2014
register before:17 March 2014.
ourse leader: Prof. E. Decuypere (KU Leuven, Belgium)

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/Incubation-biology-and-management-1.htm.



World Veterinary Education in Production Animal Health
WVEPAH is a new branch of the "European Association for Veterinary Specialization" EAVS, a non-profit organization registered in Luxembourg since 1989. The EAVS promotes the transnational organization of Veterinary Specialization in Europe with the support of the EU. In 1992 it created the "European School for Advanced Veterinary Studies" (ESAVS, www.esavs.org) to support the concept of veterinary specialization by offering high quality continuing education.
In the past, the focus on companion animal health and has been very successful. Education programmes are organized in 27 locations in Europe and 6 in China, mostly at Universities, with more than 1 000

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participants each year coming from over 50 countries. In 2005 the ESAVS became officially affiliated with the Sciences department at the University of Luxembourg, offering European Certificate and Master programmes in the field of small animal veterinary medicine.
Inspired by this experience we are now expanding our activities to the production animal sector. WVEPAH uses the same strategy developed by ESAVS to create an international platform for well recognized teachers in animal production health.

WVEPAH was created in 2010 with the support of the OIE

WVEPAH is dedicated to the training of production animal health specialists, including in OIE standards and regulations. Professor Jean-Pierre Vaillancourt, University of Montreal, is coordinating the development of the poultry section of WVEPAH with the expert assistance of ESAVS colleagues.

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

Quality education in Poultry management and health is limited in several countries. WVEPAH offers the opportunity for qualified professionals to acquire or improve their knowledge and skills with the possibility of obtaining a formal University recognition, such as a Certificate or Master in Animal Production Health – Poultry.
WVEPAH programmes offer comprehensive training modules consisting of residential short courses and distance learning. They are designed for those professionals in the poultry industry who wish to broaden their knowledge in the area of poultry health and production. The intensive training is provided at an advanced level with major emphasis on a case oriented and problem-solving approach.

The target audience consists of poultry specialists graduated from veterinary schools or agronomic universities

WVEPAH courses include lectures, discussions, demonstrations, case presentations and laboratory work. Special emphasis is given on how to investigate field problems, including data analysis and laboratory test interpretation. The study programme is composed of 3 residential Courses of 10-day duration each, with 1-2 web based distance learning modules in between the courses. Requirements are university education and academic degree in veterinary or agronomic studies with strong emphasis on health management.

Each course is taught by course masters who are internationally recognized specialists in their field and have excellent didactic skills

WVEPAH, through its agreement with OIE, is looking forward to partner with WPSA members.

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

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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:
Dr Maureen Bain, Avian Biology Laboratory, ICM, University of Glasgow Veterinary School, Bearsden, Glasgow G61 1QH
Phone : +44 0141 330 5719
E-mail : M.Bain@vet.gla.ac.uk

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

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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

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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
BS40 5DU, UK
Tel.: +44 (0) 1179 289240
Fax: +44 (0) 1179 289324
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

E-mail: cmp1@sinectis.com.ar

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