# 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.

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**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.

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*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

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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

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*Avian Science Research Centre (ASRC), SAC, Ayr, UK*
**Poultry studies at SAC**

Staff at SAC's ASRC 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 SAC 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

SAC offers the following new undergraduate poultry programme, which has been devised in conjunction with the poultry industry:

Higher National Certificate (HNC) in Poultry Production – 1 year (FT)

Part-time study on all courses is possible.

SAC's poultry programme has one of the highest proportions of overseas students, with approximately 40% of the enrolled students over the last 5 years from outside the UK. So no matter where in the world you want to work our programme content ensures that your qualifications will be just as relevant.

Postgraduate Courses in Poultry Science

SAC 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.

**Poultry Training courses and SVQ/NVQ Assessments in Poultry Production** are also available from SAC.
To discuss any aspects of the above or to request information on any of our courses, please contact:

Mrs Lorraine Hannah, Life Science Teaching Group, Avian Science Research Centre, SAC Auchincruive, AYR, KA6 5HW, United Kingdom
Phone: +44 (0)1292 525118
E-mail: lorraine.hannah@sac.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

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*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

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*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



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

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*Texas A&M University, USA*

**On-Line Masters Degree in Poultry Science and On-Line Continuing Education Courses**

The Poultry Science Department at Texas A&M University is now offering an on-line education programme. The programme consists of individual courses which can also be organized into a degree programme for a Masters degree. The courses are offered completely on-line so the degree is available at your convenience, perfect for someone who wants to further their education but wants to keep their job or cannot come to the University. Streaming internet technology allows you to experience the classroom atmosphere. Many employers pay the cost too. The Masters degree is a non-thesis, professional degree consisting of 36 credits and emphasizing problem solving skills and the practical aspects of academic coursework. Degree plans are individualized for your interests and needs from our comprehensive list of poultry and related course offerings. Emphasis areas for degrees include:

- live production (nutrition, physiology, diseases, waste management, etc.)
- nutrition (nutrition, feed formulation, vitamins, minerals, etc.)
- processing/food safety (poultry processing, microbiology, HACCP, etc.)
- poultry health (physiology, poultry diseases, poultry virology, immunology, etc.).For further information visit: http://posc.tamu.edu

Or contact Liz Hirschler, Poultry Science Distance Education Coordinator at lhirschl@poultry.tamu.edu or by calling +1 979-862-7694

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**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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