

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA



Fifty-seventh meeting of the Standing Committee  
Geneva (Switzerland), 14-18 July 2008

MASTER'S COURSE ON MANAGEMENT, ACCESS AND CONSERVATION OF SPECIES IN TRADE:  
THE INTERNATIONAL FRAMEWORK

1. Document prepared by Spain.
2. The Master's Degree Course has already been offered seven times by the International University of Andalusia. In these seven editions, quality specialised training was given to 177 individuals from 56 countries (Antigua, Argentina, Bahamas, Bolivia, Botswana, Brazil, Burundi, Chile, China, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Egypt, Equatorial Guinea, Greece, Guatemala, Honduras, Hungary, India, Indonesia, Italy, Kenya, Kuwait, Mexico, Mozambique, Namibia, Nepal, Nicaragua, Nigeria, Panama, Paraguay, Peru, Portugal, Russian Federation, Saint Lucia, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Surinam, Tanzania, Thailand, Ukraine, Uganda, United States of America, Uruguay, Venezuela, Vietnam, Serbia, Yemen, Zambia and Zimbabwe).
3. Spain sponsored the sixth and seventh editions of the programme through the contributions of: the University of Andalusia; the General Department of Foreign Trade (CITES Management Authority) of the Ministry of Industry, Tourism and Trade; the Carolina Foundation of the Ministry of Foreign Affairs and Cooperation and the collaboration of the Directorate-General for the Natural Environment and Forest Policy of the Ministry of the Environment and Rural and Marine Affairs (CITES Scientific Authority).
4. United States of America, United Kingdom of Great Britain and Northern Ireland, Ireland and Italy participated in the sixth and/or seventh editions sending lecturers from their Scientific or Management Authorities and covered their own travel expenses.
5. The CITES Secretariat participated in the training programme through lectures given by three of its members, whose travel, accommodation and daily subsistence expenses were covered by the programme.
6. The Directorate-General ENV.E2 of the European Commission participated in the training programme through lectures given by two of its officials, whose travel, accommodation and daily subsistence expenses were covered by the programme.
7. The CITES Management or Scientific Authorities of Argentina, China, Germany, Portugal, the Netherlands, participated in the programme in the sixth and/or seventh editions through officials who gave lectures, as did the following institutions: the Universities of Cordoba, Greifswald, National Autonomous of Mexico, Palermo, Perugia, Polytechnic of Madrid, Reading, Rey Juan Carlos, and Vienna; the National Fish and Wildlife Forensics Laboratory of the United States; the National Institute of Wild Fauna of Italy; the Customs Services of Spain and United Kingdom; the National Germplasm Bank of Spain; Biodiversity Convention Office, Environment Canada; Alexander Von Humboldt Institute, Colombia; the Spanish Oceanographic Institute, National Museum of Natural Sciences-Spanish Council for Scientific Research (CSIC); the Royal Botanic Gardens- Kew; Spanish Office for Patents and Trademarks; the Nature Protection Service of Spain; UNEP-WCMC; ATECMA;

ALMACIGA; WWF; IWMC, AAP-Sanctuary for exotic animals; Pharmamar; Jerez Zoo and Friends of the Earth. The Master programme covered the costs of all these lecturers.

8. In addition, from 2006 three Interuniversity Programmes of Doctorate, linked to the Master's Programme, have been organized by the International University of Andalusia and the University of Cordoba. In these three editions have participated 82 individuals from 34 countries (Antigua, Albania, Argentina, Brazil, Chile, China, Colombia, Costa Rica, Dominica, Ecuador, Egypt, Greece, Honduras, Indonesia, Italy, Kenya, Kuwait, Mexico, Nicaragua, Paraguay, Peru, Portugal, Saint Lucia, Slovenia, South Africa, Spain, Sri Lanka, Thailand, Uganda, Venezuela, Vietnam, Yemen, Zambia and Zimbabwe).
9. The eighth edition of the Master's degree in "Management, Access and Conservation of Species in Trade: the International Framework" will take place from 13<sup>rd</sup> April to 26<sup>th</sup> June, 2009 at the International University of Andalusia, on the Antonio Machado site in Baeza (see details in Annex).
10. Spain is fully convinced that the Programme is highly valuable to reinforce and consolidate the capacities of the individuals in charge of CITES and would like to thank the contributions from all lecturers and participants in this Programme. Parties, Institutions and NGOs are therefore encouraged to support the involvement of new participants in the next edition in 2009.

## ANNEX



### **8<sup>th</sup> MASTER'S DEGREE IN "MANAGEMENT, ACCESS AND CONSERVATION OF SPECIES IN TRADE: THE INTERNATIONAL FRAMEWORK"**

#### **Organised by:**

International University of Andalusia, Spain

#### **Directed by:**

Prof. Dr. Margarita África Clemente Muñoz, Full Professor, University of Cordoba, Spain  
([cr1clmum@uco.es](mailto:cr1clmum@uco.es))

## **1. DATES AND ACADEMIC STRUCTURE**

This programme of studies offers a total of 60 credits ECTS (European Credit Transfer and Accumulation System; 48 for class attendance, through the "virtual platform" and tutored work, and 12 for preparing the final Master's thesis. The course is structured as follows:

- A. Class Stage: (attendance required) in class sessions divided into eleven sections
- B. Online Study Stage: through the virtual platform set up by the *Universidad Internacional de Andalucía* (UNIA), involving further work on the subject matter covered in the eleven class sections.
- C. Research Stage: (presence not required) in which students will perform research tasks in preparation for their Master's thesis

### **Year 2008-2009**

On-campus credits: Classes will be held at the Antonio Machado Site of the International University of Andalusia from Monday to Friday, in morning and afternoon sessions. Monitoring and assessment will consist of weekly individual and/or group tests on the contents covered. The UNIA virtual platform will provide further learning experience and diverse practical activities on the course content.

### **Year 2009-2010**

Research period: 12 credits will be given for supervised research activities leading to the presentation of a research project.

## **2. OBJECTIVES OF THE ACADEMIC PROGRAMME**

The **General Objective** of the programme is to provide specialised high quality training in the scientific bases, techniques and instruments that make it possible to implement and develop major multilateral environmental agreements (MEAs); specifically the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and the Convention on Biological Diversity (CBD). It is appropriate for people who are involved, or wish to become involved in environment-related policy-making, in the implementation of international agreements or development of the scientific and technical work required for their implementation at the executive level.

The **Specific Objectives** are to provide specialised training in the following areas:

- The concept of biodiversity at all organisational levels, particularly with reference to populations, species and ecosystems
- Scientific bases and methods to diagnose and solve problems associated with proper implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- Administrative, legislative and enforcement issues in CITES implementation
- Biological and trade criteria for listing species on the CITES Appendices
- Significant trade reviews in CITES
- Assessment studies for making non-detriment findings on specimens taken from the wild in CITES
- Techniques for identifying species and specimens subject to CITES controls
- CITES EU provisions: how they work and how they are implemented
- Theoretical and practical aspects of the relationship between economics and the environment
- The study of diversity in space
- Basics of biogeography and chorology
- Techniques for population studies, dispersal models, demography and variation
- Use of Geographic Information Systems to study variation in forestry species, plant cartography and population assessment
- Population biology, conservation and management of CITES Fauna and Flora
- Recovery plans and sustainable management programmes for fauna and flora at the international level
- Analysis of the impact of invasive species on biodiversity
- Techniques for germplasm preservation
- Techniques for propagation and study of genetic diversity at the molecular level; *in vitro* cultivation techniques; PCR analysis of DNA and RNA
- CBD Programmes and synergy with CITES
- International systems that regulate access to genetic resources and benefit-sharing
- Negotiation systems in multilateral environmental agreements (MEAs)
- Legal aspects of multilateral environmental agreements

### 3. REGISTRATION

#### Class Size and Requirements for Admission

This Master's Degree Course offered by the International University of Andalusia is open to 30 graduate students with university degrees. The degrees that are eligible for this Master's Programme are the following: Engineering (Agricultural, Forestry or Environmental Engineering); Veterinary Science, Biological Science, Environmental Science, Chemistry, Geography and History, Humanities, Education, Law, International Relations, or university degrees recognised as being equivalent to the former. If it is necessary to establish priorities between applicants, their Curriculum Vitae will be considered.

#### Application Requirements

Applicants must send the pertinent documentation as required on the application form (available on the University website: [www.unia.es](http://www.unia.es)). The deadline for applications is **30<sup>th</sup> October 2008**. Applications certified and postmarked within this period will be accepted.

#### Acceptance and Registration

Once the selection is made, applicants will be personally notified of admission or non-admission to the programme. Those who have applied for a scholarship as well will also be notified accordingly. Upon receipt of notification, applicants admitted must confirm their participation in the programme, fully register and pay the tuition fee for the 48 Course Credits by **15<sup>th</sup> December 2008**.

## Documentation Required

Applicants must provide the following documents:

1. Duly completed registration form provided by the International University of Andalusia
2. Standard Curriculum Vitae (available from the website [www.unia.es](http://www.unia.es)). The CV will be considered if there is equality between applicants in the other merits. It must be accompanied by proof of graduation: original document or certified photocopy showing the applicant's transcript of records (courses passed and grades obtained); if this is not available, a certified photocopy of the university diploma may be provided.
3. Photocopy of the applicant's passport
4. One passport-size photograph

## Public Prices for Academic and Administrative Services

- 1 credit: 44 € (to be confirmed with the University)
- Registration fee: 49 € (to be confirmed with the University)

Payment of academic and administrative services as well as the cost of accommodation (if applicable) must be made by bank transfer free of charges or a deposit in the following bank account:

BANK: CAJA RURAL PROVINCIAL DE JAÉN  
ADDRESS: CALLE OBISPO NARVÁEZ, 12  
23440 BAEZA (PROVINCE OF JAÉN) SPAIN  
ACCOUNT HOLDER: UNIVERSIDAD INTERNACIONAL DE ANDALUCÍA  
SEDE ANTONIO MACHADO CIF – Q7350007F  
ACCOUNT NUMBER: 3067 0012 52 1147998627  
IBAN: ES54 3067 0012 52 1147998627  
SWIFT (BIC) CODE: BCOEESMM067

## Cancellation

Students who expressly so request are entitled to a refund of the tuition fee, excluding the registration fee, if the request can be justified and is made at least twenty days before the Master's Course begins. The request for the refund must be made in writing to the Antonio Machado Site Secretarial Office.

## 4. MASTER'S DEGREE

The International University of Andalusia will issue the diploma accrediting the Master's Degree to students having attended and successfully passed the full 60 course and research credits of the programme.

## 5. SCHOLARSHIPS

The International University of Andalusia will grant scholarships covering tuition and accommodation fees based on applicants' academic and professional merits as well as their financial circumstances. Scholarship students must confirm acceptance of the scholarship and register by **15<sup>th</sup> December 2008**.

## Documentation Required

Applicants must provide the following documents:

1. Duly completed application form provided by the International University of Andalusia
2. Standard *Curriculum Vitae*, which will be considered in the selection process. It must be accompanied by proof of graduation: original document or certified photocopy showing the applicant's transcript of records (courses passed and grades obtained); if this is not available, a certified photocopy of the university diploma may be provided.

3. Photocopy of the family's income tax declaration for the last fiscal year. If this is not available, it will be necessary to provide documents certifying income.

All these forms are available on the University website: [www.unia.es](http://www.unia.es)

### **Deadline for Scholarship Applications**

**The deadline for scholarship applications is 30<sup>th</sup> October 2008.** Applications registered by mail within this period will be accepted. Scholarship applications must be sent to the Sede Antonio Machado of the Universidad Internacional de Andalucía.

## **6. ACADEMIC PROGRAMME AND CALENDAR**

The programme consists of 60 ECTS\* credits (European Credit Transfer and Accumulation System), equivalent to a total of 1500 hours, which are calculated as follows: 385 hours of class attendance (theoretical and practical subject matter); 130 hours through the virtual platform; 177 hours of study, preparing work and tutored activities; and 508 hours of guided distance-learning activities: preparing materials, theoretical and practical work. Finally, the Master's thesis counts for 300 hours.

\* 1 ECTS credit = 25 hours, including theoretical and practical classes, guided instruction, work on the virtual platform, study hours and tutored sessions, exams, preparation of various materials and the Master's thesis.

### **Year 2008-2009**

#### **On-Campus Classes**

Classes will be given in English and Spanish – with simultaneous interpretation – at the Antonio Machado Site of the International University of Andalusia from Monday to Friday in morning and afternoon sessions. There will be weekly individual and/or group tests on the contents covered.

#### **Section 1: *"Biodiversity as a Paradigm"***

**35 hours + 15 virtual platform hours**

From 13<sup>rd</sup> to 17<sup>th</sup> April 2009

Coordinator: Dr Margarita África Clemente Muñoz, University of Cordoba, Spain

#### **Section 2: *"The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) – General Introduction"***

**35 hours + 10 virtual platform hours**

From 20<sup>th</sup> to 24<sup>th</sup> April 2009

Coordinator: Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority; Spanish Ministry of Industry, Tourism and Trade

#### **Section 3: *"Management of Animals and CITES"***

**35 hours + 15 virtual platform hours**

From 27<sup>th</sup> April to 1<sup>st</sup> May 2009

Coordinator: Dr Margarita África Clemente Muñoz, University of Cordoba, Spain

#### **Section 4: *"Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) – Administrative Aspects"***

**35 hours + 10 virtual platform hours**

From 4<sup>th</sup> to 8<sup>th</sup> May 2009

Coordinator: Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority; Spanish Ministry of Industry, Tourism and Trade

**Section 5: *“Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); Scientific Aspects – Animals”***

**35 hours + 10 virtual platform hours**

From 11<sup>th</sup> to 15<sup>th</sup> May 2009

Coordinator: Mr Carlos Ibero Solana, ATECMA, scientific consultant for the CITES Scientific Authority, Spanish Ministry of the Environment

**Section 6: *“Techniques for Identification and Control of Species in International Trade”***

**35 hours + 10 virtual platform hours**

From 18<sup>th</sup> to 22<sup>nd</sup> May 2009

Coordinator: Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority, Spanish Ministry of Industry, Tourism and Trade

**Section 7: *“Ex Situ Techniques and Plant Diversity”***

**35 hours + 15 virtual platform hours**

From 25<sup>th</sup> to 29<sup>th</sup> May 2009

Coordinator: Dr César Pérez Ruiz, Polytechnic University of Madrid, Spain

**Section 8: *“Management of Plants and CITES”***

**35 hours + 15 virtual platform hours**

From 1<sup>st</sup> to 5<sup>th</sup> June 2009

Coordinator: Dr Esteban Hernández Bermejo, University of Cordoba, Spain

**Section 9: *“Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); Scientific Aspects – Plants”***

**35 hours + 10 virtual platform hours**

From 8<sup>th</sup> to 12<sup>th</sup> June 2009

Coordinator: Dr Patricia Dávila, UNAM, National Autonomous University of Mexico

**Section 10: *“The Convention on Biological Diversity: Main Programmes and Synergies with CITES”***

**35 hours + 10 virtual platform hours**

From 15<sup>th</sup> to 19<sup>th</sup> June 2009

Coordinator: Dr Alejandro Lago Candeira, Rey Juan Carlos University, Spain

**Section 11: *“International Regimes on Access to Genetic Resources and Benefit-Sharing (ABS); the Convention on Biological Diversity and the FAO International Treaty on Plant Genetic Resources”***

**35 hours + 10 virtual platform hours**

From 22<sup>nd</sup> to 26<sup>th</sup> June 2009

Coordinator: Dr Alejandro Lago Candeira, Rey Juan Carlos University, Spain

Students will be tested, either individually or in groups, on the subject matter covered in each section, and graded on the basis of their test results.

**Online Virtual Classes**

These classes will deal with the contents of the sections, through the UNIA virtual platform. Individual and/or group tests will be given on the contents covered. Coordinator: Dr Margarita África Clemente Muñoz

**Year 2009-2010**

Following successful completion of the On-Campus Class Stage in the first year, the registration fee for the 12 research credits comprising the second year (Research Stage culminating in the presentation of a Master’s thesis) must be paid prior to 31<sup>st</sup> October 2009. The following documents will be required:

- 1) Registration form for the research period
- 2) Proof of payment for the 12 credits for which the student is registering

To obtain the **actual Master's Degree**: the Master's thesis must be completed in at least nine months but no later than 12 months after the end of class sessions. The UNIA will issue the actual Master's Degree upon successful completion of this stage.

## **7. RESIDENCE SERVICE**

The Antonio Machado Site has a University Residence. Those who wish to choose this form of accommodation must apply for it at the Secretarial Office of the Antonio Machado Site.

## **8. INFORMATION AND REGISTRATION**

Universidad Internacional de Andalucía  
Sede Antonio Machado  
Palacio de Jabalquinto  
Plaza de Santa Cruz, s/n., 23440 BAEZA (Jaén) SPAIN  
E-mail: [machado@unia.es](mailto:machado@unia.es)  
Http://www.unia.es  
Telephone: + 34 953 742775  
Fax: + 34 953 742975