



# INTERNATIONAL MASTER LAND AND WATER CONSERVATION



**UF** UNIVERSITY of  
**FLORIDA**

**A.A. 2015-2016**

*Università di Bologna*

*Washington State University  
University of Florida*

The **University of Bologna (Italy)**, the **Washington State University (USA)** and the **University of Florida (USA)**, renown internationally for their research and academic programs, have created an **international Master**. The master includes the **exchange** of participating students and leads to the conferring of the **Master of Science in Land and Water Conservation**.

**Admission:** students must have the equivalent of a Bachelor of Science in related disciplines.

**Duration:** one year from February 2015 to March 2016; students are required to spend at least one semester at the counterpart university

**Classes:** taught in English by professors from the University of Bologna, Washington State University and University of Florida.

**Applications should be submitted before December, 31 – 2014. For foreign students at the Italian Embassy. Detailed information is provided in the links below.**

**Tuition and Fees:** participating students will pay tuition and admission fees related to the program at their home university and will not enroll at the partner university. Participants will be received as guest exchange students working collaboratively on research.

**Grants and Scholarships:** each university may offer scholarships, research and teaching assistantships to students participating in the program based on merit and available funding.

Water and land are the most precious resources in our environment. Population growth and draught are reducing water resources, causing natural habitat degradation and impacting many important environmental systems.

To develop an integrated multi-disciplinary programme, hydrologists, land and water development engineers, experts in informatics, water and environmental resources managers will be teaching with a solid in-depth training in their fields of specialisation.

#### **Career Development:**

Students will learn the applied methodologies and scientific knowledge necessary for career preparation and development in:

- Management and conservation of land resources
- Water management and irrigation
- Expert in land use and agriculture
- Scientific research

#### **Academic coursework:**

- Soil Physics
- Soil Chemistry
- Agroclimatology
- Water Chemistry
- Hydrology
- GIS - Remote Sensing
- Land and Water Management.

#### **Total hours 1600, corresponding to 60 credits:**

- 450 hours in Italy
- 450 hours in USA (or other countries)
- 500 hours stage abroad
- 200 hours final project

#### **CONTACT AT THE UNIVERSITY OF BOLOGNA**

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#### **CONTACT AT WASHINGTON STATE UNIVERSITY**

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**Website:** <http://www.unibo.it/en/teaching/professional-master/2014-2015/land-and-water-conservation-cod-8311-1>

<http://dipsa.unibo.it/master/it/index.php>