



Présentation

[www.univ-corse.fr](http://www.univ-corse.fr)

# Symposium RETI

## Réseau d'Excellence des Territoires Insulaires

9 -10 juillet 2010, Corte, Corsica

# Universidade dos Açores (Portugal)





# University of the Azores

Université de Corse, July, 9,10th, 2010



# AZORES



- 1500 km from the European coast
- 3900 km from the North American coast
- The Archipelago extends along a south east-north-west strip and is encompassed by the longitude of  $25^{\circ}$  to  $31^{\circ}-15''$  West and a latitude of  $36^{\circ}-55''$  to  $39^{\circ} 45''$  North.
- total area of 2,333 km<sup>2</sup>.
- The resident population of the nine islands totals 237,000 people.



# University of Açores

*A University in*

*the Atlantic !*



# Organization

## 10 Departments:

- ➔ Biology
- ➔ Agrarian Sciences
- ➔ Technological Sciences
- ➔ Geosciences
- ➔ Mathematics
- ➔ Oceanography and Fisheries
- ➔ Educational Sciences
- ➔ Economy and Management
- ➔ History, Philosophy and Social Sciences
- ➔ Modern Languages and Literature



# Organization

## 2 Polytechnical Schools:

- Nursing School of Ponta Delgada
- Nursing School of Angra do Heroísmo



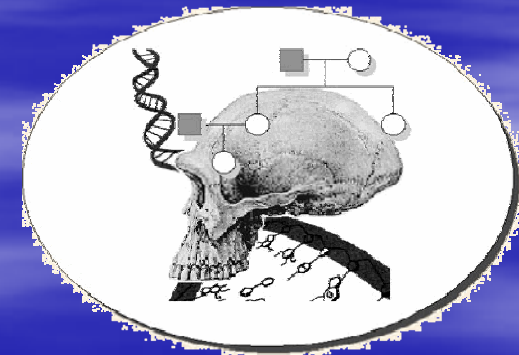
# Department of Biology

- **Animal Biology**
- **Plant Biology**
- **Microbiology**
- **Marine Biology**
- **Biological Control**
- **Molecular Biology**
- **Ecology**
- **Anthropology**



# Research projects

- Classification, Mapping and Modeling of Azorean Littoral Biotopes
- Marine Organisms from the Azores
- Eutrophication of Lakes
- Systematic Identification of Molluscs
- Flora Biodiversity of Macaronesian Region
- Biological Control of Pests
- Genetic Studies about “Machado-Joseph Disease”





# Department of Biology

## Licentiate Degrees:

- Medicine
- Health and Biological Sciences
- Biology

## Master Degrees:

- Biodiversity and Island Ecology
- Environment, Health and Security
- Integrated Management of Coastal Zones
- Biomedical Sciences



# Department of Agrarian Sciences

## (Terceira Island)

- **Agriculture**
- **Zootechny**
- **Environment**
- **Veterinary Medicine**
- **Food Technology**



# Research Projects

- Grass quality control of pasturelands
- Artificial insemination
- Development of dairy products. Control of quality
- Traceability of origin and authenticity of olive oil by combined genomic and metabolomic approaches
- Integrated control of plants
- Evaluation of climate changes
- Black carbon levels in the atmosphere over the Atlantic Ocean





# Department of Agrarian Sciences

(Terceira Island)

## Licentiate Degrees:

- Agrarian Sciences
- Nutrition
- Pharmacy
- Veterinary Medicine
- Environment Management and Engineering
- Renewable Energies
- Nature Guides



# Department of Agrarian Sciences

(Terceira Island)

## Master Degrees:

- Environment Management and Conservatio
- Environment Engineering
- Food Technology and Security
- Zootechnical Engineering
- Biotechnology
- Agronomy
- Water Management and Engineering



# Department of Technological Sciences

- **Chemistry**
- **Physics**
- **Biochemistry**
- **Natural Products**
- **Food Sciences**
- **Material Sciences**
- **Engineering**



# Research projects

- Marine organisms and plants from Açores and their biological active molecules
- Phenolic compounds from food products
- Physics of materials





# Department of Technological Sciences

## Licentiate Degrees:

- Architecture
- Civil Engineering
- Mechanical Engineering
- Civil Engineering Sciences

## Master Degrees:

- Engineering and Management of Construction



# Department of Geosciences

- **Volcanology**
- **Geology**



# Research projects

- Volcano dynamics: monitoring, hazards mitigation and volcano crisis response
- Evaluation of temporal interaction of natural hazards
- Seafloor and sub-seafloor hydrothermal modelling in the Azores sea
- Pollution sources in the decay of igneous stone monuments
- Satellite telecommunication and internet-based seismic monitoring system for volcanic eruption, forecasting and risk management
- Atmospheric chemistry observatory





# Department of Geosciences

Master Degrees:

- Volcanology and Geological Risks



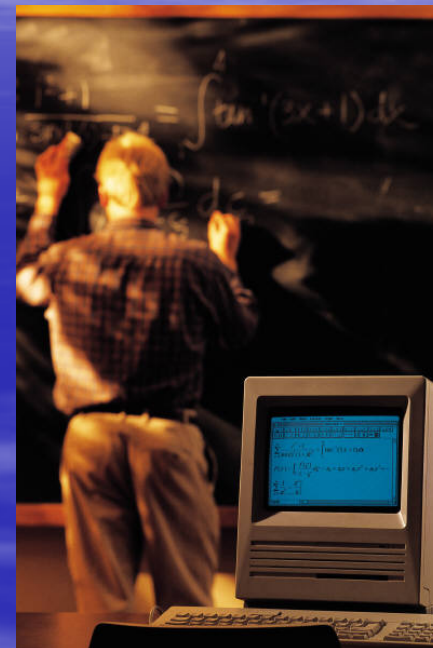
# Department of Mathematics

- **Algebra**
- **Analysis**
- **Probabilities and Statistics**
- **Computer Science**



# Research projects

- Applied Mathematics
- Informatics
- Statistics and Operational Research
- Structure of semigroups and their relationships with the reticulate of the Groups





# Department of Mathematics

## **Licentiate Degrees:**

- Informatics – Networking and Multimedia
- Electronic and Computer Engineering

## **Master Degree:**

- Mathematics



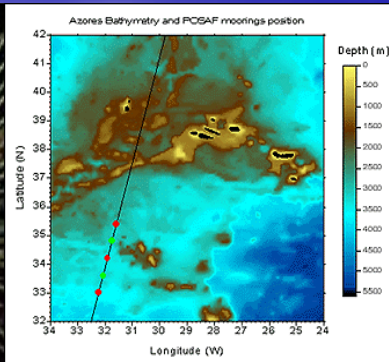
# Department of Oceanography and Fisheries

- **Marine Ecology and Biodiversity**
- **Physical and Biological Oceanography**
- **Management of Fisheries Resources**



# Research Projects

- Integrated Management of Coastal and Marine Areas in the Azores
- Trophic chains in the ocean
- Ichtyo-demersal resources
- Biology, genetics and dynamics of oceanic species
- Oceanography of submarine banks and islands
- Ecotoxicology of heavy metals in the ocean
- Ecology of shallow and deep-sea hydrothermal vents





# Department of Oceanography and Fisheries

Master Degrees:

-Ocean Integrated Studies



# Department of Education Sciences

- **Educational Psychology**
- **Educational History and Philosophy**
- **Educational Sociology**
- **Educational Methodologies**



# Research Projects

- Indiscipline in the classroom
- Professional life of teachers
- Disruption behaviors
- Teaching strategies and cognitive knowledge of college students





# Department of Education Sciences

## Licentiate Degrees:

- Childhood Education
- Psychology

## Master Degrees:

- Clinical Psychology
- Educational Psychology
- Environment Education
- Education
- Sciences Education
- Pre-School Education
- Pedagogical Supervision



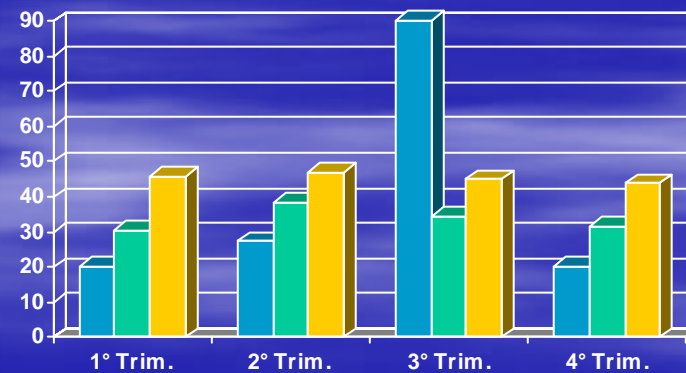
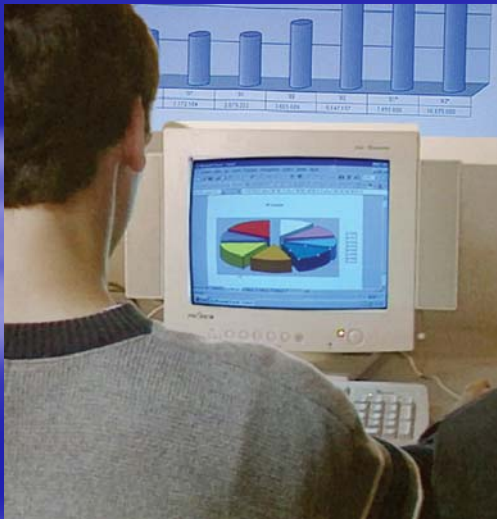
# Department of Economy and Management

- **Finances**
- **Management**
- **Economics**



# Research Projects

- Economical History
- Operational Research
- Human resources
- Marketing
- Regional Economy
- Agrarian Economy
- Tourism Economy
- Public Economy





# Department of Economy and Management

## Licentiate Degrees:

- Management
- Economy
- Tourism

## Master Degrees:

- Management (MBA)
- Enterprise Sciences
- Economical sciences

## Doctoral Degree:

- Enterprise and Economical Sciences



# Department of History, Philosophy and Social Sciences

- **Anthropology**
- **Demography**
- **Sociology**
- **Philosophy**
- **History**



# Research Projects

- Demography of the enterprises
- The Europe of Defense
- Propriety and agrarian structures at the Azores (XV century)
- The Europe of the Islands
- The Church and the State at the Azores





# Department of History, Philosophy and Social Sciences

## Licentiate Degrees:

- European Studies and International Politics
- Portuguese Philosophy and Culture
- Social Service
- Sociology
- History

## Master Degrees:

- Patrimony, Museology and Development
- Island and Atlantic History (XV-XX Centuries)
- Social sciences
- International Relations
- Documental and Communication Sciences
- Sociology
- Contemporary Philosophy



# Department of Modern Languages and Literature

**European Languages and Literatures**

**Portuguese Culture and Literature**

**Public Relationships**



# Research Projects

- Hermeutical literary language
- Modernity Studies
- Adages from the people of the Azores
- “Antero de Quental” Work
- “Vitorino Nemésio” Work





# Department of Modern Languages and Literature

## Licentiate Degrees:

- Social Communication and Culture
- Public Relations and Communication
- Applied Modern Languages

## Master Degrees:

- Communication Sciences
- Portuguese Studies



# Polytechnical Schools

Licentiate Degrees:

- Nursing

Master Degrees:

- Nursing Sciences



# University in Numbers

The university has a staff of 312 teachers, 19 are university professors.



# University in Numbers

There are 4.150 students in the University of  
Açores:

- 3.600 undergraduate stud.
- 550 graduate stud.



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