Polytechnic Institute of Beja
Overview
Type of institution: Public Higher Education Institution (Polytechnic)

Date of establishment: 1979

Location: South of Portugal (Alentejo)

Academic and Research structure:
- 4 Schools
- 8 Departments
- 15 centers and T&R facilities

Training and development units:
- Library
- Botanical Museum
- Knowledge and transfer Centre
Portugal is south west of Europe
Beja is an interior city located in the south region of Alentejo
Production and dissemination of knowledge, creation, transmission of cultural and vocational knowledge; guided research and experimental development in a life long learning approach.
**Vision and Values**

*Excellence and innovation in knowledge and learning how to do deeply connected with the prospects of development of the surrounding context.*

**VALUES**

- Excellence in Action
- Innovation
- Credibility
- Competency

[www.ipbeja.pt](http://www.ipbeja.pt)
Main Strategic Domains
(2010-2013)

- Internacionalisation
- Qualification of the Training Offer
- Institutional Brand and Image
- Financial Sustainability
- Promotion of a sustainability research
- Quality Assessment procedures
Priority R&D areas (2010-2013)

- Education and Training Adults
- Agriculture and Food Technology
- Water and Environment
- Sustainable Energies
Priority R&D areas (2010-2013)

- Technology Knowledge and Creativity Multimedia
- Tourism and Heritage
- Health and Quality of Life
- Planning and Community Intervention
Facts and Figures

The key data for 2011 are the following:

- **Students:** 3,142
- **Teachers:** 188 (41 PhD, 88 in PhD; 90 specialists)
- **Support Staff:** 172 (40% hold a licenciate degree)

### Degrees and programmes

<table>
<thead>
<tr>
<th>Degrees and programmes</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate programmes – <em>Licenciatura</em> (1st cycle, level V, 180 to 240 ECTS)</td>
<td>18</td>
</tr>
<tr>
<td>Postgraduate programmes – <em>Mestrado</em> (2nd cycle, 90 ECTS)</td>
<td>9</td>
</tr>
<tr>
<td>Technological specialization programmes (short cycle, level IV, 60 ECTS)</td>
<td>12</td>
</tr>
<tr>
<td>Other post-graduates / Specializations programmes (60 ECTS)</td>
<td>3</td>
</tr>
</tbody>
</table>
Organizational Structure

General COUNCIL

Administrator

President
Vice-Presidents (2)
Pro-Presidents (4)

Governing Bodies

School of Agriculture
School of Health

School of Education
School of Technology and Management

Supporting Units
Library
Botanical Museum
Knowledge and Transfer Centre

Functional Units
Social Services
Departments
Technical, Administrative and Financial Services

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Organizational Structure

The Social Services

The Canteen
Organizational Structure

The Social Services

Student’s Residences
• The Botanical Museum
Internationalisation Process

Geographical Focus:

- Europe (EHERA)
- Brasil
- G.Bissau
- Macau
- Mozambique

CPLP

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# Internationalisation Process

## Key data on the international mobility

### Mobility of Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Outgoing students</th>
<th>Incoming students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011/12*</td>
<td>65</td>
<td>70</td>
</tr>
<tr>
<td>2010/11</td>
<td>54</td>
<td>54</td>
</tr>
<tr>
<td>2009/10</td>
<td>53</td>
<td>54</td>
</tr>
<tr>
<td>2008/09</td>
<td>48</td>
<td>50</td>
</tr>
</tbody>
</table>

### Mobility of Teachers, Staff and Researchers

<table>
<thead>
<tr>
<th>Year</th>
<th>Outgoing</th>
<th>Incoming</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011/12*</td>
<td>25</td>
<td>45</td>
</tr>
<tr>
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<td>25</td>
<td>45</td>
</tr>
<tr>
<td>2009/10</td>
<td>24</td>
<td>19</td>
</tr>
<tr>
<td>2008/09</td>
<td>22</td>
<td>42</td>
</tr>
</tbody>
</table>
Internationalisation Process

Cooperation and Partner Institutions:
- Extensive Network of 88 ERASMUS partner universities in 22 European countries;
- Cooperation agreements with a broader scope and with foreign strategic partners;
- Numerous co-operations with Central and Eastern European universities;
- Further expansion of co-operations in Latin America and Africa.

Exchange Programmes (studies and placements):
- Europe: Erasmus & Leonardo da Vinci
- Latin America: Bartolomeu de Gusmão (Brasil)
- Asia: Macau
- Other Cooperation Agreements

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Internationalisation Process

The delivery of education programmes abroad and development cooperation projects:

- Post-graduate programme in Tourism and Socioculatural Animation in cooperation with the Szolnok University College in Hungary;

- Master programme on Community Development, delivered by the Polytechnic Institute of Beja in the Pedagogical University of Nampula, in Mozambique.

- 2nd cycle programmes, post graduation and master level, based on cooperation agreements and in a non-award basis.
Internationalisation Process

International programmes of non-award base activities

Lifelong Learning framework:

- Erasmus Intensive Programmes,
- Erasmus Networks,
- Curriculum Development Modules,
- Transfer of Innovation Projects

The role played by the Research and Projects Office
Internationalisation Process

The internationalisation of the programmes and of the home curriculum

- International seminars and classes in the programmes (incoming lecturers)
- Integration of foreign students (incoming students)

The acquisition of international and multicultural skills and competencies by the academic community

- Language and Cultural Centre
- International and multicultural events
Internationalisation Process
Support Services to Incoming students

- **Sociocultural Support:**
  - Buddy mentors and ESN
  - Welcome meeting, farewell parties and other initiatives

- **Language and academic support:**
  - Portuguese Intensive Language Course (60h, 4 ECTS)
  - Academic tutor and supervision in foreign language

- **Logistics support:**
  - Accommodation (students residence)
  - Airport pick up service;

- **Administrative support:**
  - Issuing of *formal letters of acceptance, final certificates and transcripts*
  - Students enrolment, student cards and insurance
  - Information on *free e-mail and internet access*
  - *Counseling and assistance, academic advice*
Academic Information
Schools and Degree Programmes

Academic Structure

- Four schools
  - School of Agriculture
  - School of Education
  - School of Health
  - School of Technology and Management

- Each school is well resourced to support active and competence-based learning, offering a wide range of graduate and also some post-graduate study programmes in the framework of their different educational units.

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The School of Agriculture (ESA)
The School of Agriculture (ESA)

General Facilities: classrooms, offices, auditorium

Experimental and practical learning facilities: experimental farms, labs and research centers

Activity:
- Teaching
- Applied research projects (national and international)
- Providing services for surrounding community: reports, technical and scientific support and counseling, water and food analysis and quality control, etc.
### Undergraduate Programmes (Licenciatura)

- Agronomy
- Biology
- Environmental Engineering
- Food Engineering

### Graduate Programmes (Master)

- Food Engineering
- Agronomy
- Environmental Technologies

### Technological Specialization Programmes (Short Cycle)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irrigated Crops</td>
<td>Veterinary Care</td>
</tr>
<tr>
<td>Olive Growing and Viticulture</td>
<td>Environmental Quality</td>
</tr>
<tr>
<td>Food Hygiene and Safety</td>
<td>Nature Conservation</td>
</tr>
</tbody>
</table>
Academic Information
Schools and Degree Programmes

The School of Education (ESE)
The School of Education (ESE)

- **New Approach**: from teacher education to a wide academic offer in social, cultural, artistic and technological areas.

- Commitment:
  - Life Long Learning
  - Research and community based work
## Academic Information

### Programmes offered in the School of Education

### Undergraduate Programmes

<table>
<thead>
<tr>
<th>Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Multimedia</td>
</tr>
<tr>
<td>Elementary and Early Childhood Education</td>
</tr>
<tr>
<td>Multimedia Education and Communication</td>
</tr>
<tr>
<td>Social Work</td>
</tr>
<tr>
<td>Socio-cultural animation</td>
</tr>
<tr>
<td>Sport</td>
</tr>
</tbody>
</table>

### Graduate Programmes (Master)

<table>
<thead>
<tr>
<th>Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Psycho-gerontology</td>
</tr>
<tr>
<td>Preschool Education and Teaching of the 1st Cycle of Basic Education</td>
</tr>
<tr>
<td>Special Education: Teaching in the specialty of Cognitive and Motor Domain</td>
</tr>
<tr>
<td>Education Sciences - Specialization in Education and Care in 1st Childhood</td>
</tr>
<tr>
<td>Community Development and Entrepreneurship</td>
</tr>
</tbody>
</table>

### Technological Specialization Programmes (Short Cycle)

<table>
<thead>
<tr>
<th>Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psycho-geronthlogy</td>
</tr>
<tr>
<td>Sports Training of Young Athletes</td>
</tr>
</tbody>
</table>

### Postgraduate Programmes / Specialisations

<table>
<thead>
<tr>
<th>Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication, Education and Information Management / School Libraries (B-learning)</td>
</tr>
</tbody>
</table>

The School of Health (ESS)
The School of Health (ESS)

- Integrated in the Institute in 2001 and became Health School of Beja in 2005 (former School of Nursing)

- Commitments:
  - Answer to the society demands by offering a wide range of study and training programmes and healthcare services
  - Provide a solid cultural, scientific and technical knowledge to the future Health professionals
  - Cooperate with hospitals and other health institutions and organizations
# Academic Information

Programmes offered in the School of Health

## Undergraduate Programmes
- Environmental Health
- Nursing
- Occupational Therapy

## Graduate Programmes (Master)
- Community Health Nursing

## Postgraduate Programmes / Specialization
- Community Health Nursing
- Child and Pediatric Nursing

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The School of Technology and Management (ESTIG)
The School of Technology and Management (ESTIG)

- The School of Technology and Management inaugurated its new building in 2009;

- The role of the ESTIG is crucial for the regional economy by providing qualified professionals in technological and management areas;

- The interaction with enterprises and the entrepreneurial community in general is an essential element of the institution’s overall policy;
### Undergraduate Programmes

- Applied Law (conventional and e-learning)
- Civil Engineering
- Civil Protection
- Computing Engineering
- Management
- Tourism

### Postgraduate Programmes / Specialization

- Safety and Hygiene at Work
- Project Management

### Technological Specialization Programmes (Short Cycle)

- Banking and Insurances
- Work Conduction
- Emergency Planning in Civil Protection
- Local Area Network: Project and Installation

### Graduate Programmes (Master)

- Engineering of Computer Security
Facilities: Equipment, Laboratories and Support Centres

- The IPBeja comprises 15 facilities and structures supporting both the research and development and teaching activities carried out within the Institution and in a wide range of scientific domains, as well as the services available to the surrounding community.
Facilities

Supporting the Research and Teaching

*Education, Sports, Arts and Social Sciences Field*

**Competence Center of the School of Education**
CCESEB - Centro de Competência da Escola Superior de Educação de Beja

**Centre for Teacher Training**
CFP - Centro de Formação de Professores da Escola Superior de Educação
Web: [http://cfp.eseb.ipbeja.pt/](http://cfp.eseb.ipbeja.pt/)

**Art and Media Communication Laboratory**
Laboratório de Arte e Comunicação Multimédia
Web: [http://www.lab-acm.org/](http://www.lab-acm.org/)

**Educational Support Center for the Teaching of English**
NAI - Núcleo da Apoio Educativo ao Ensino de Inglês

**Sports and Health Laboratory**
Laboratório de Actividade Física e Saúde
Web:
Facilities

Supporting the Research and Teaching

**Technology and Management**

**Materials Laboratory**
Laboratório de Materiais
Web: [http://www.estig.ipbeja.pt/idlabmat](http://www.estig.ipbeja.pt/idlabmat)

**Interactivity and Information Systems Laboratory**
LabSI2 - Laboratório de Sistemas de Informação e Interactividade
Web: [http://labsi2.ipbeja.pt/](http://labsi2.ipbeja.pt/)

**Laboratório de Solos**
Soils Laboratory
Sítio Web: [http://www.estig.ipbeja.pt/idlabsolos](http://www.estig.ipbeja.pt/idlabsolos)

**Cybercrime and Informatics Security Center**
UbiNET - Segurança Informática e Cibercrime
Sítio Web: [http://ubinet.ipbeja.pt/](http://ubinet.ipbeja.pt/)

**Health Field**

**Laboratory for Nursing Practices**
Laboratório de Práticas de Enfermagem
Web:
Facilities

Supporting the Research and Teaching

**Agriculture and Environmental Field**

- **Centre for Science and Food Technology**
  Centro de Ciência e Tecnologia de Alimentos (Silvina Ferro Palma)
  Web: [http://www.esab.ipbeja.pt/~adctalimentos/laboratorios.htm](http://www.esab.ipbeja.pt/~adctalimentos/laboratorios.htm)

- **Agricultural Experimentation Centre**
  Centro de Experimentação Agrícola (António Parreira/Manuel Patanita)

- **Horticultural Centre**
  Centro Hortofrutícola (Mariana Regato)
  Web: [http://www.esab.ipbeja.pt/c_h/index.htm](http://www.esab.ipbeja.pt/c_h/index.htm)

- **Laboratory for Seeds and Vegetable Raw Materials Analysis**
  Laboratório de Análise de Sementes e Matérias Primas Vegetais (António Parreira)
  Web: [http://www.esab.ipbeja.pt/lab/](http://www.esab.ipbeja.pt/lab/)

- **Laboratory for Soil Analysis**
  Laboratório de Análise de Terras (Isabel Guerreiro)
  Web: [http://www.esab.ipbeja.pt/~tsama/Labsolos.htm](http://www.esab.ipbeja.pt/~tsama/Labsolos.htm)

- **Laboratory for Plant Health**
  Laboratório de Sanidade Vegetal (Isabel Patanita)
  Web: [http://www.esab.ipbeja.pt/sbpp/laboratorios.htm](http://www.esab.ipbeja.pt/sbpp/laboratorios.htm)

- **Research Unit in Environmental Protection**
  Unidade de Investigação em Protecção do Ambiente (Adelaide Almeida)
  Sítio Web: [http://www.esab.ipbeja.pt/ambiente/laboratorios.htm](http://www.esab.ipbeja.pt/ambiente/laboratorios.htm)
Facilities

- Three Auditoria
• Exhibition Gallery AOLADO
Facilities

Sports Office and Psychological Support Office
Facilities

Library
Library
Sport Facilities

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