



Universitat de Barcelona

# Report on the academic year 2010-2011

The University of Barcelona

# Report on the academic year 2010-2011

The University of Barcelona

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# Foreword



It is my pleasure to introduce you to this University of Barcelona Report on the Academic Year 2010-2011. In the pages that follow, you will find an account of all our work, commitments and achievements in the past year.

Our efforts seek to meet five key aims: our dedication to society as a whole, our focus on people, excellence in academic studies and scientific research, a commitment to internationalization in pursuit of innovation, and our disciplined financial management to ensure another year of balanced budgets. These aims have been formalized as core areas in the University of Barcelona Management Plan for 2009-2012, and our second assessment of progress toward fulfilling our Plan has been positive, thanks to the entire university community, whose invaluable efforts have made these results possible.

This year, the primary objective of the UB's commitment to modernization and efficiency has been to implement the SAP financial management software. In addition, we have pursued a great number of activities and initiatives in other areas, such as work-life balance, sustainability and environmental concerns, sound governance, gender equality and issues related to ageing.

In addition, we have expanded and intensified the geographic presence of the UB within the Barcelona Metropolitan Area. We have opened new teaching facilities in Torribera and launched our second international campus of excellence, the Health Universitat de Barcelona Campus (HUB<sup>©</sup>), which represents further recognition of the UB's strength in teaching and research, in this case in the field of health.

Now, I would like to invite you to immerse yourself in our report. Our students, our teaching and research staff and our administrative and service staff take centre stage in the pages that follow, together with the society to which our efforts are dedicated.

Dídac Ramírez  
*Rector of the University of Barcelona*





“To have been given the opportunity to work in an institution with the UB’s history and standing is both an honour and a challenge.”

Màxim Álvarez,  
member of  
administrative and service  
staff at the Bursar’s Office





# 1

## A university spanning the centuries and serving the community

Strategic vision of the  
university of Barcelona

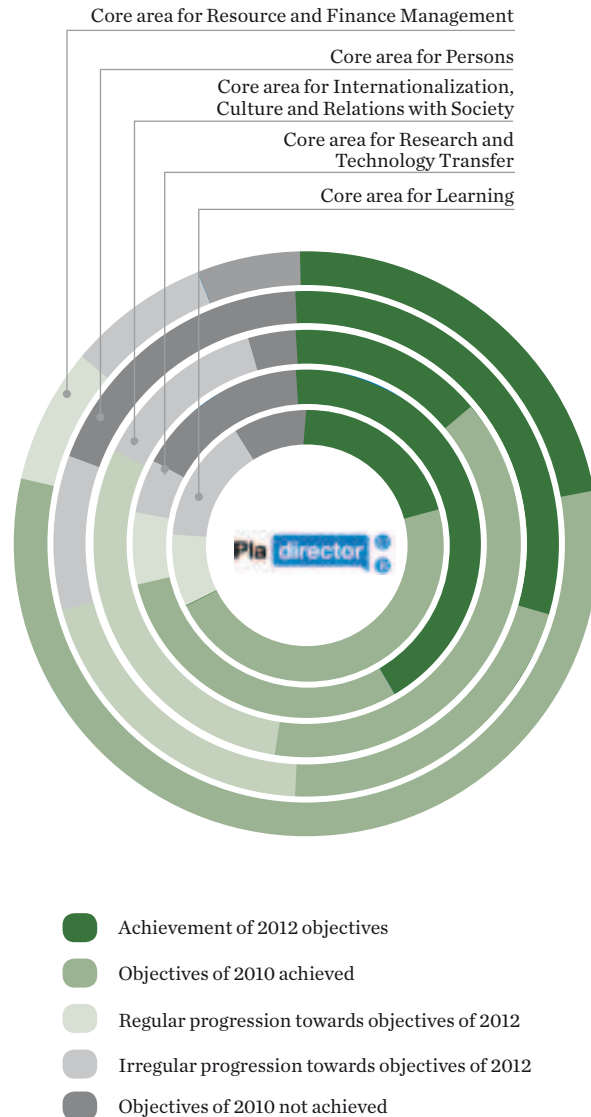
Summary of basic figures

Territorial distribution  
of the UB: the campuses  
and the centres





## Strategic vision of the university of Barcelona



The University of Barcelona's Management Plan sets out the guidelines for the strategic actions to be conducted by the rector's executive council and governing bodies in six main blocks. It establishes a series of 44 objectives and some 200 actions to achieve these, grouped together in five core areas: **Learning; Research and Technology Transfer; Internationalization, Culture and Relations with Society; Persons; and Resource and Finance Management.**

The assessment of results for the year 2010 was conducted using 123 indicators, 28.5% of which showed the achievement of objectives that had been set out for 2012 and 60% of which showed either an improvement or a maintained standard with regard to previous assessments.

The University's strategic vision seeks to achieve improvements in the UB's international standards as represented in university league tables and ranking associations, awards of distinction and membership of quality groups and associations. These improvements correspond to the actions documented throughout the Report.

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The Campus of International Excellence the Health Universitat de Barcelona Campus (HUBc) has received a total of 13.5 million euros in the 2010 call of the Ministry of Education, the Ministry of Science and Innovation and the Catalan government.

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*Expansión Catalunya*  
10 March 2011



“The UB differs from many other universities in that its concerns and character are at once global and local.”

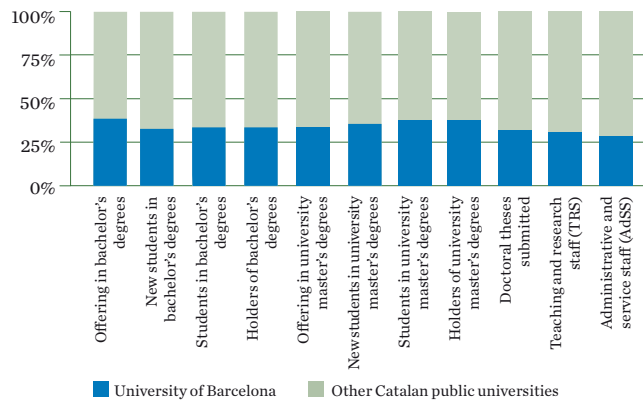
David Rebulà,  
student of Biology



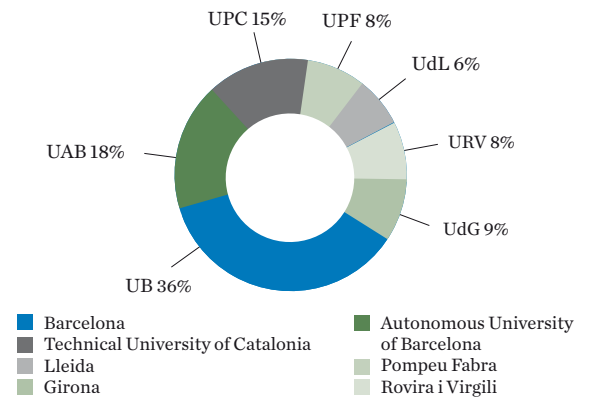
With regard to the objectives of the UB’s Management plan, a number of substantial actions have been undertaken, including the following: the consolidation of the European Higher Education Area’s directives in UB degree studies, the University’s maintenance of its leading position in research activity, the promotion of mobility and international relations, advances in the promotion and recruitment of university staff, the UB’s increased budgetary stability and, finally, the implementation of SAP as the new computer system for the University’s financial management.

Historic Building

### The UB in the Catalan public university system in the academic year 2009-2010



### Incoming bachelor's degree students in the Catalan university system. Curs 2010-2011





A university spanning the centuries and serving the community

Faculty of Geography and History

## Summary of basic figures

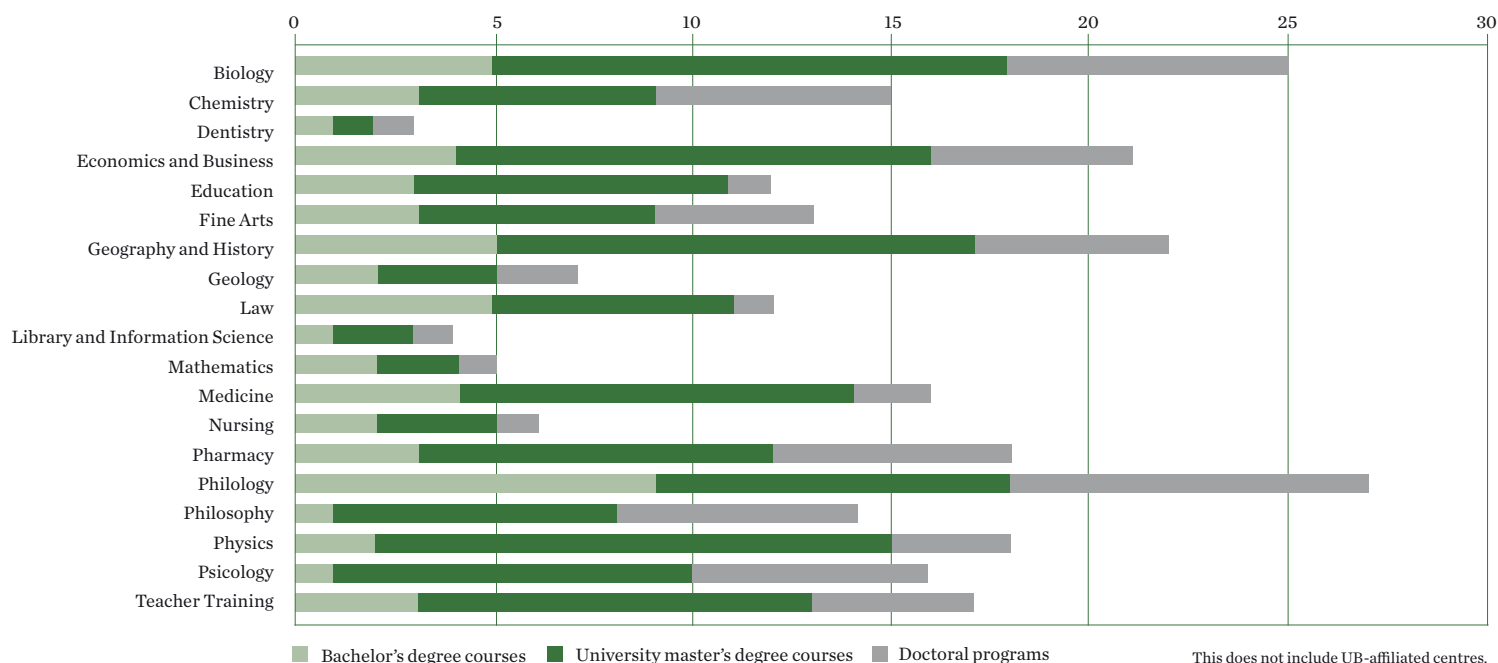
### Structure

Constructed surface area (sq m)	602.381
Centres (faculties and university schools)	19
UB-affiliated centres	5
Departments	106
UB-specific institutes and research centres	23
Participating institutes and research centres	13
Interuniversity institutes	2
Documentation centres	3
Observatories	10

### Course offerings in the academic year 2010-2011

Bachelor's degree courses (6 of them not adapted to the European Higher Education Area - EHEA)	70
University master's degree courses	146
Doctoral programs	71
Doctoral programs with quality awards	31
Postgraduate degree courses	440
University extension courses	56
Corporate lifelong learning courses and open courses (IL3)	566

### Course offerings 2010-2011: bachelor's degree courses, university master's degree courses and doctoral programs



▲ Back to summary



“The UB is Barcelona’s public university; a university offering a wide range of degree courses and a modern institution that cares about individuals; a university that is open to all those studying and working in education and in culture.”

Sergi Soler,  
student of the master’s  
degree Music as  
an Interdisciplinary Art

### Students at the UB

	2008-2009	2009-2010	2010-2011
Students in bachelor’s degree courses *	48,985	48,835	48,555
Incoming students in bachelor’s degree courses	11,720	11,975	11,715
Full-time equivalent students in bachelor’s degree courses	36,890	38,536	39,814
Students in university master’s degree courses	3,788	4,993	5,235
Incoming students in university master’s degree courses	2,494	3,101	3,366
Students in doctoral programs	3,419	3,627	4,229
Students in postgraduate courses	8,642	9,520	10,175
Students in university extension courses	1,400	1,304	1,229
Students in lifelong learning courses (IL3)	30,992	28,535	24,019
Students in affiliated centres (bachelor’s degree courses and university master’s degree courses)	3,516	3,376	3,219
International students under exchange programs at the UB	1,748	1,660	1,829
UB students under exchange programs outside Spain	790	893	1,072
Non-curricular practicum students	1,848	1,898	1,831



Holders of bachelor’s degree courses	7,108	7,510	7,916
Doctors	503	469	467

\* This includes students on adapted degree courses and degree courses in the process of being phased out.





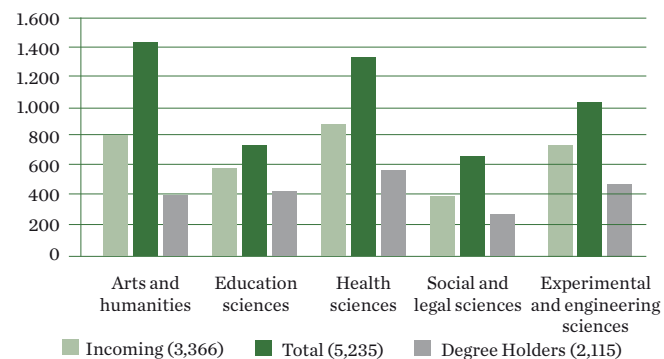
Faculty of Chemistry and Faculty of Physics

### Students in bachelor's degree courses by study area

	Incoming	Total	Degree holders
Arts and humanities	2,504	9,176	1,115
Education sciences	1,602	5,709	1,577
Health sciences	2,099	9,227	1,645
Social and legal sciences	3,927	17,974	2,755
Experimental sciences and engineering	1,583	6,469	824
<b>Total UB centres</b>	<b>11,715</b>	<b>48,555</b>	<b>7,916</b>
UB-affiliated centres	802	3,039	660*
<b>Total UB</b>	<b>12,517</b>	<b>51,594</b>	<b>8,576</b>

\* Data of the academic year 2009-2010.

### Students in university master's degree courses



This does not include students in UB-affiliated centres.

The UB is still the top Catalan university in world rankings. The prestigious Times Higher Education World University Rankings places the University of Barcelona in position 142.

*Avui*  
17 September 2010

### Other students by teaching centre

	2010-2011	% women
School of Modern Languages	4,315	64.4
Institute of Hispanic Studies	2,471	67.6
Language Services	3,027	68.9
Summer courses	1,624	61.1
Institute of Education Sciences	8,032	66
Courses for Senior Citizens	3,685	78
University of Experience	169	64



“I’ve always been proud to work for a public institution like the UB.”

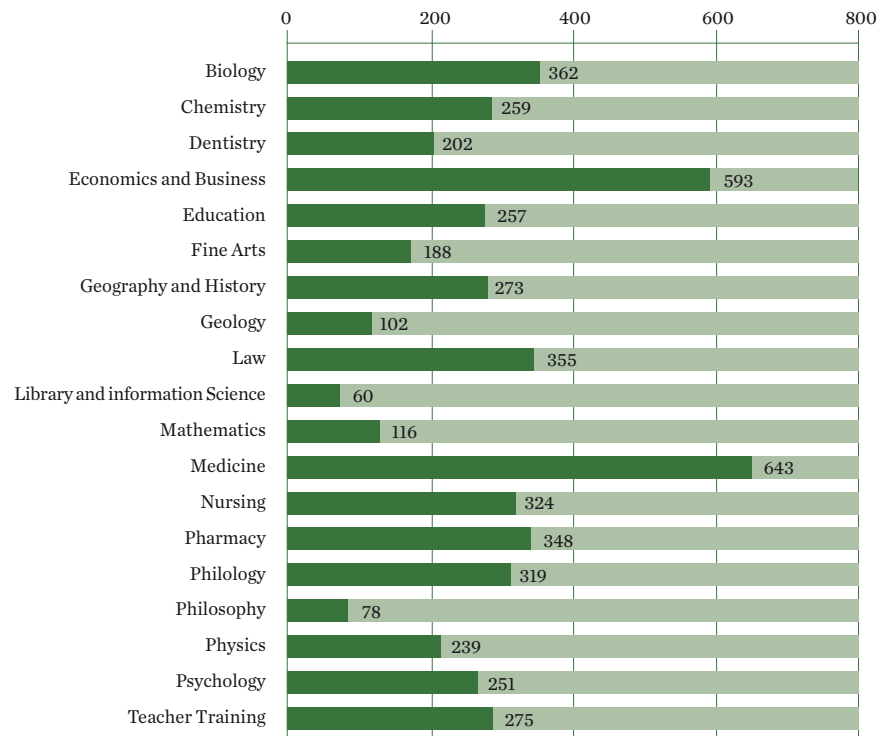
**Anna Formatjé,**  
member of administrative and service  
staff at the Faculty of Medicine

### Teaching and research staff (TRS)

		% women
<b>Total TRS</b>	<b>5,247</b>	<b>44.3</b>
Full university professors	545	21.3
Full university school professors	31	61.3
Tenured university lecturers	1,382	42.7
Tenured university school lecturers	263	57
LOU-contracted professors	1	0
Tenure-track 2 lecturers	238	45
Tenure-track 1 lecturers	241	55.6
Temporary lecturers	15	66.7
Full-time temporary lecturers	66	66.7
Adjunct lecturers	1,426	48
Adjunct medical lecturers	479	44.1
Assistant lecturers	120	61.7
Other researchers	169	44.4
Emeritus lecturers on the early retirement plan	223	41.3
Others	48	39.6
<b>Full-time equivalent lecturers (FTEs)</b>	<b>3,881.1</b>	
<b>TRS with a permanent affiliation*</b>	<b>2,526</b>	<b>48.1</b>

\* This includes lecturers, tenure-track 2 lecturers, full-time temporary lecturers and LOU-contracted professors.

### Teaching and reserach staff by faculty and school





### Teaching improvement and innovation

	2010-2011
Consolidated teaching innovation groups	65
Teaching innovation groups	22
Financed teaching innovation projects	97
TRS participating in ICE training (%)	56.45

### Internationalization

	2010-2011
Number of international agreements	1,630
Number of international students	9,202
Number of international teaching staff	173

### Administrative and service staff (AdSS)

		% women
<b>Total AdSS</b>	<b>2,448</b>	<b>62.6</b>
<b>Civil service AdSS</b>	<b>1,096</b>	<b>82.2</b>
Group A	61	
Group B	192	
Group C	481	
Group D	355	
Group E	7	
<b>University-contracted AdSS</b>	<b>1,352</b>	<b>50.9</b>
Group I	322	
Group II	251	
Group III	516	
Group IV	241	
Temporary employees	22	
<b>Ratio AdSS/TRS</b>	<b>0.47</b>	

### Services

<b>Library</b>	
Monograph collections	1,523,401
Periodical collections	35,246
Library loans made	826,738
Single-user reading desks	6,469
<b>UB Sports users</b>	<b>7,136</b>
<b>Service grantholders</b>	<b>455</b>
<b>Accommodation in university halls of residence</b>	
UB halls of residence	910
Associated halls	864
<b>UB Alumni members</b>	<b>6,139</b>



“The University should provide us with a port in the storm—a space in which to reflect on various issues. It should provide us with the common ground to generate our values as a community and bring these together, at least as far as we are able.”

**Milagros Guardia,**  
university professor at the Faculty  
of Geography and History

### Research and technology transfer at the UB

	2008	2009	2010
<b>Income from research and technology transfer</b> (thousands of euros)	<b>90,258</b>	<b>108,680</b>	<b>81,206</b>
Research projects*	52,882	76,715	55,887
Research projects – FBG contracts	13,663	15,129	9,642
Infrastructure	1,549	1,605	-
Other grants	10,206	9,515	11,632
UB agreements	10,142	3,750	2,390
FBG agreements	1,816	1,966	1,650

\* This includes the University of Barcelona, the August Pi i Sunyer Biomedical Research Institute (IDIBAPS), the Bellvitge Institute for Biomedical Research (IDIBELL), the Institute for Bioengineering of Catalonia (IBEC), the Institute

of Biomedical Research (IRB), the Catalonia Institute of Energy Research (IREC), and the Barcelona Science Park (PCB).

Research activity	2010
Lecturers and professors participating in R&D (%)	69
Contracted research doctors	154
AdSS supporting research	264
Research grantholders	989
Research groups consolidated by the Catalan government (Generalitat de Catalunya)	243
Active research projects	657
Patent applications	28
International patent applications	17
Newly-created technology-based companies	2
Doctoral theses submitted (2009-2010)	528
Scientific publications*	3,723

\* Cited by the Institute for Scientific Information (ISI).

Barcelona Science Park (PCB)	2010
Personnel	2,128
Private companies in the PCB	64
Research groups in the PCB	88

UB Science and Technology Centres (CCiTUB)	2010
Internal users (head researchers)	453
External invoicing (thousands of euros)	4,250
Value of scientific material (thousands of euros)	41,110

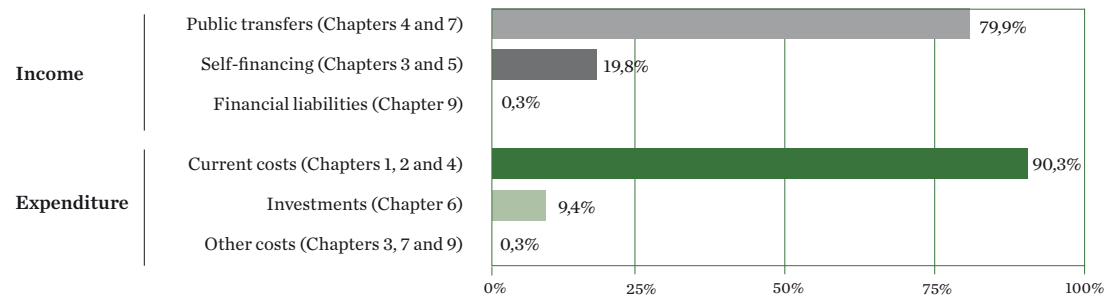


Faculty of Law

### Budget for 2011

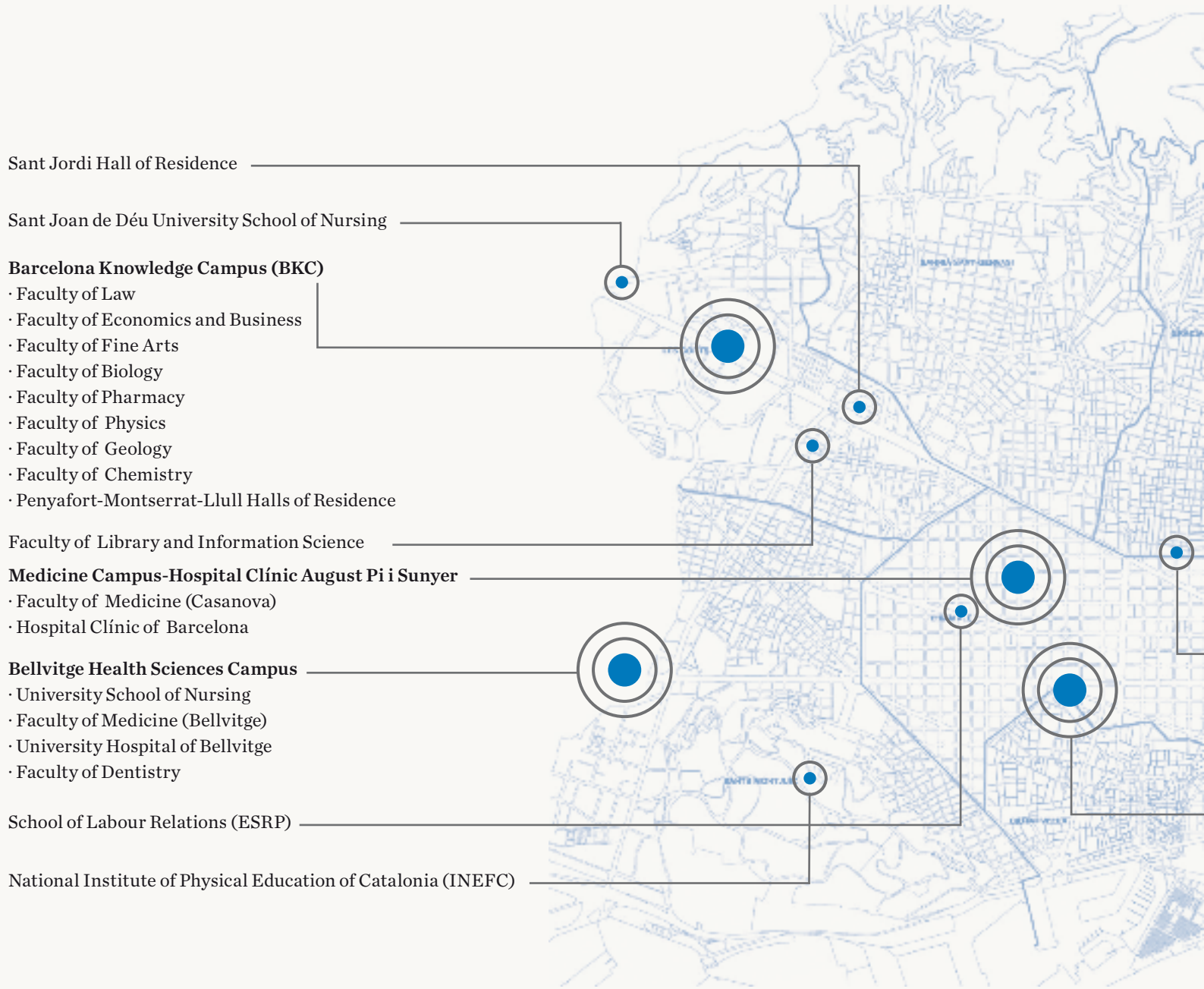
Income (thousands of euros)	379,410
Chapter 3. Taxes and other income	73,276
Chapter 4. Current transfers	282,359
Chapter 5. Additions to capital	1,966
Chapter 7. Capital transfers	20,603
Chapter 9. Financial liabilities	1,206

Expenditure (thousands of euros)	379,410
Chapter 1. Staff costs	265,585
Chapter 2. Acquisition of goods and services	63,230
Chapter 3. Financial costs	251
Chapter 4. Current transfers	13,795
Chapter 6. Acquisition of assets	35,596
Chapter 7. Capital transfers	237
Chapter 9. Financial liabilities	716





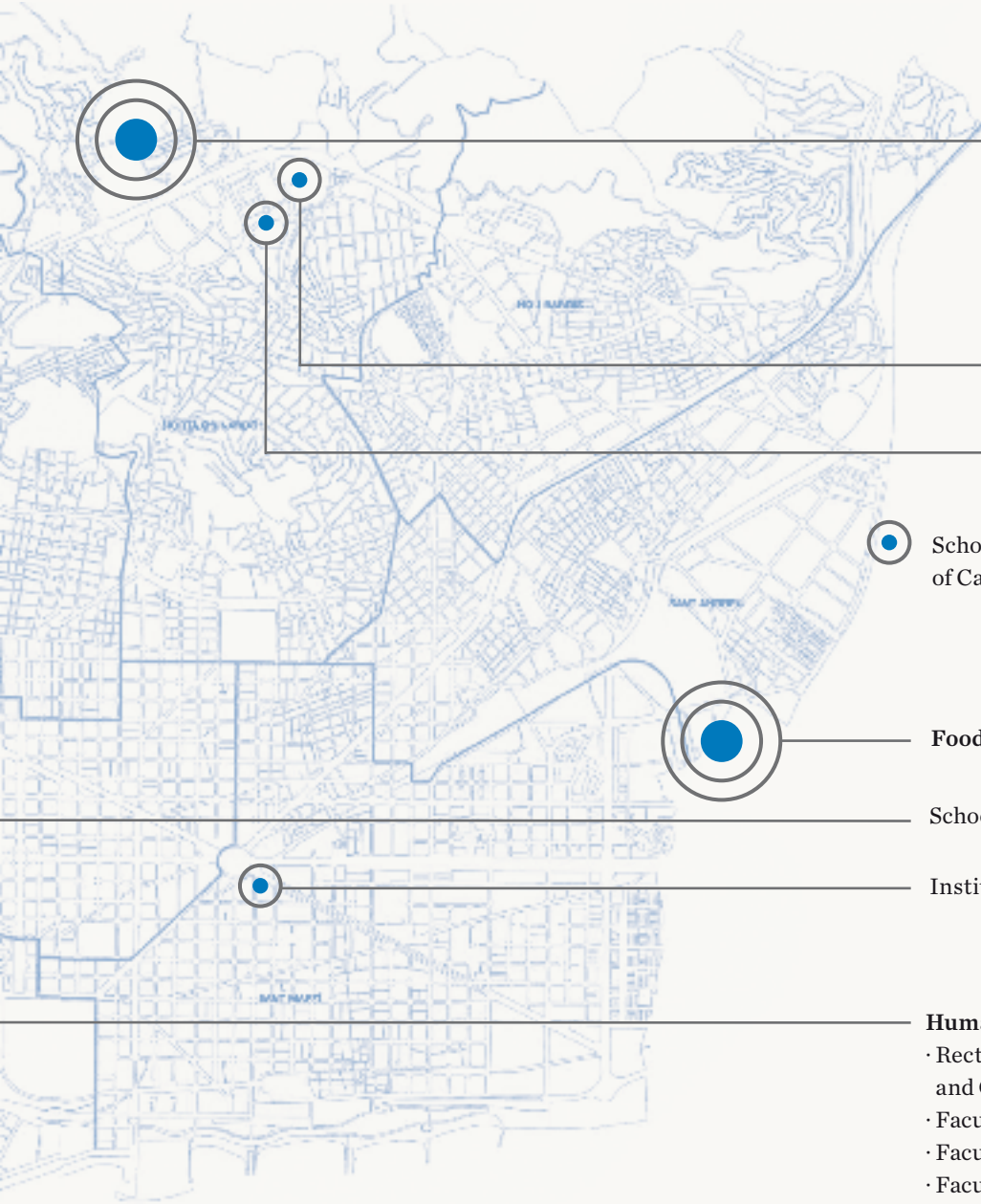
# Territorial distribution of the UB: the campuses and the centres



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**B** Universitat de Barcelona



**Mundet Campus - University of Barcelona**

- Faculty of Teacher Training
- Faculty of Education
- Faculty of Psychology
- Institute of Education Sciences

CETT University School of Hotel Management and Tourism

Center for International Historical Studies (CEHI)

School of Cinema and Audiovisual Studies of Catalonia (ESCAC)

**Food and Nutrition Torribera Campus**

School of Labour Relations (ESRP)

Institute for Lifelong Learning (IL3-UB)

**Humanities Campus**

- Rector's Office, General Manager's Office and General Services
- Faculty of Philology
- Faculty of Philosophy
- Faculty of Geography and History
- Faculty of Mathematics



“I started working at the UB in very tough times. It was the end of the Franco dictatorship and there was still repression going on. The UB showed me how to fight for democracy and when democracy finally came, I was right there.”

**Anna Formatjé,**  
member of administrative  
and service staff at the  
Faculty of Medicine







# 2

## A university focused on people

Services for the university  
community

Institutional and cultural activities

Student services



“As well as preparing professionals, being at the cutting-edge of technological innovation and proposing solutions to society’s pressing economic problems, we need to act like a kind of laboratory of ideas in social, cultural and ethical matters.”

Alfonso Herranz,  
lecturer at the Faculty of  
Economics and Business

## Services for the university community

During the academic year 2010-2011, the University of Barcelona has taken a step forward in its procedures for ensuring transparency at different levels of management. The UB also forged ahead in the area of **social responsibility**, creating the **Committee on Social Responsibility**, which has representatives of all stakeholder groups. One of the new committee’s functions was to approve the 2010-2011 Annual Report on responsibility. The UB also integrated an internal control function into the new financial management system of the University. Our commitment to making progress in work-life balance resulted in the elaboration of a study to uncover needs.

Each UB faculty and school formed committees for gender equality, leading to approval of our **Second University of Barcelona Plan for Equal Opportunities between Women and Men** for the period 2011-2013. Work began on the protocols required to roll out the plan effectively. The main aim of the plan is to ensure that the daily activity of the UB incorporates gender perspectives as an additional touchstone of our University.

One of the actions in the Plan is to raise the visibility of International Women’s Day, with events at all UB faculties and schools. The UB has already hosted events to commemorate the centenary of women at the University and to launch the book *Doctes, doctores i catedràtiques*. All the Catalan universities took part in the book launch.



The **Ombuds Office** is an independent, autonomous institution charged with defending the rights and freedoms of the student body, teaching and research staff, and administrative and service staff. During the academic year, 115 requests for intervention were addressed.

As a part of our implementation of a culture of respect and humanization, the University of Barcelona’s **Office for Conflict Resolution and Mediation** has continued to foster, maintain and safeguard this culture. The aim of the office is to facilitate dialogue, resolve conflicts and carry out mediation so that the parties to a conflict can enter into voluntary discussion in a context of mutual respect and equality.





Our commitment  
to the  
environment

60%

of selective waste  
collected from total  
waste generated in 2010

Amongst other actions, in the area of **occupational safety and health** the administrative unit Health, Safety and Environmental Issues (OSSMA) pursued eight main lines: health and safety at work, risk assessment and control, emergency preparation and response, occupational health, waste management, sustainability, social assistance and a line comprising other specific subjects.

In the area **risk prevention**, the UB submitted self-protection plans (PAU) for several buildings to the Directorate-General of Civil Protection in the Catalan government for its approval and homologation. Staff training in risk prevention began to make use of online courses and an induction plan for new staff added prevention topics. From the perspective of occupational health, the UB continued implementing health vigilance, primarily involving specific check-ups according to job. Other specific actions focused on maternity protection, industrial hygiene, ergonomics and psychological and social care.

In the area of the **environment**, the UB began the process of drafting an institutional sustainability plan involving the delegate committee of the Senate, the OSSMA coordination office and the rector's delegate for sustainability. This process addresses the management of the UB's sustainability efforts, which builds on processes begun in previous years, such as waste management, the promotion of mobility with bicycles through the Bicicampus project and the expansion of safe

parking facilities; information and awareness-raising among the university community; new environmental standards for the UB's copy and reproduction services, bookshops and stationery shops, bars and restaurants, and buses providing internal transport at Mundet Campus.

In the area of sustainable mobility, the UB completed diagnostic reviews of campus mobility at the Diagonal Campus Gateway to Knowledge and Mundet Campus. The studies show that the UB university community at the Diagonal Campus uses more sustainable transport than Barcelona as a whole, thanks to the availability of public transport and the high proportion of pedestrian and cyclist access.

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The UB has launched an independent observatory on the socioeconomic crisis called *Talaia de les crisis*. The aim of the new observatory is to study and comment on public measures and private-sector actions taken with respect to the crisis, and take action at the behest of citizens' groups, associations and parties, private businesses and the public administration.

[elEconomista.es](http://elEconomista.es)  
22 November 2010

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## Institutional and cultural activities

**Honorary doctorates** were awarded to the educator **Edgar Morin** (23 November 2010), the soprano **Montserrat Caballé** (8 February 2011) and the writer **Claudio Magris** (3 May 2011).



The **Doctors' Senate**, which has a membership of 956, awarded the fourteenth annual prize for doctoral theses to **Dr Javier Gómez Fernández** (Department of Electronics, Faculty of Physics), for his doctoral thesis *Fabrication and characterization of nanostructures on Chitosan biocompatible surfaces*.

**Awards and honours** received by the members of the university community during the academic year 2010-2011 include the following.

- **Honorary doctorate, University of Girona**, Ferran Mir.
- **Honorary doctorate, University of Buenos Aires**, Fernando Albericio.
- **The Espasa Essay Prize**, Manuel Cruz.
- **The Merlot Classics Prize**, Teaching Innovation Group in Physical Optics and Photonics.
- **The Dixit Award**, Inter-University Institute of Women's Studies and Gender Research.
- **An honorary Maria Award from the Sitges Film Festival**, Josep Maixenchs i Agustí.
- **Award for Financial Excellence in an Academic Career**, Joaquim Muns.
- **Joan Sardà Dexeus Prize**, Núria Bosch, Marta Espasa, Albert Solé.
- **Giacomo Leopardi Prize**, María de las Nieves Muñoz.
- **11th International Congress on Obesity**, Research Group on the Genetics and Molecu-

Edgar Morin, Montserrat Caballé and Claudio Magris, respectively.



“It is a real honour to be able to study and enjoy university life in the UB’s Historic Building.”

Celia García,  
student of Mathematics

lar Biology of Mitochondrial Proteins and Associated Diseases.

- **The European Association for Cancer Research Award**, Manel Esteller.
- **International Water Association Prize**, TRAGUA Consolider Program.
- **World Health Summit Prize**, Manel Esteller.
- **European Research Council**, Guillem Aromí.
- **European “Estudi General” Award for Scientific Dissemination**, David Bueno.
- **3rd International Symposium on Advances in Oral Cancer**, Enric Jané, Josep López, Ricardo Pérez.
- **Royal Academy of Pharmacy of Catalonia**, Joan Guinovart.
- **Gaudí Award for best short film**, Marc Riba and Anna Solanas.
- **Goya Award for best sound**, Marc Orts.
- **Joan Oró Prize for the dissemination of scientific research**, Empar Crespo, Albert Giralt, Mar Puigdemívol, Laura Rué.
- **National Center for Particle, Astroparticle and Nuclear Physics (CPAN)**, José Ignacio Latorre.
- **“Science in action”**, Scientific Culture and Innovation Unit.
- **ICREA Academy Program**, Albert Bastardas, Germà Bel, Marián Boguñá, Marta Cascante, Albert Cirera, Francisco Ciruela-Alférez, Luis Víctor Dieulefait, Carles

Escera, Alberto Maydeu, Carme Muñoz, Susana Narotzky, Josep Maria Paredes, Julio Rozas, Miquel Rubí.



Joan Solà

During the academic year 2010-2011, the University of Barcelona paid **tribute** to Professor **Ramona Bernat** (*in memoriam*) and to the psychologist and educator **Miquel Siguan** (*in memoriam*). The UB also paid tribute to the linguist **Joan Solà**, on the occasion of the book launch of *Joan Solà, 10 textos d’homenatge*, on 20 October, only a week before his death, on 27 October.

As part of the UB’s program of **institutional activities**, the official opening of the academic year was celebrated, with an inaugural address given by **Lourdes García Viñets**, lecturer in the Department

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The University of Barcelona announces the creation of the Pasqual Maragall Chair. The objective of the new Chair is to promote teaching and research in economics and regional development.

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*El País*  
21 September 2011

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of Public Health, Mental Health and Perinatal Nursing. The address was entitled “New Challenges in Community Nursing: the Need to Involve Families in Treatment”. Also, the UB Gold Medal was awarded to the biologist **Carmina Virgili**.

During the year, the UB’s Historic Building continued offering **guided tours**. This initiative aims to introduce the significant historical and artistic heritage of the University to various organizations and groups, including new students’ families, associations and the general public. Personalized tours were also given with the assistance of visiting figures from the worlds of politics, culture and education. The number of visits for 2010-2011 totalled 131.

The Historic Building hosted the following **exhibitions**:

- 4-24 February 2010: “*Velorios y santos vivos*” (“Wakes and living saints”), sponsored by Dr Javier Laviña and the Office of the Vice-Rector for Arts, Culture and Heritage.
- 18 March – 14 April 2010: the **Batekmila** exhibition on Basque culture, organized by the Basque Cultural Institute.
- 22 April – 25 May 2010: “*Raimundus, christianus arabicus*” on Ramon Llull and the meeting of cultures, organized by the Ramon Llull Documentation Centre and the European Institute of the Mediterranean (IEMed).

- 20 September – 8 October 2010: “**Fifteen Years Since the Massacre at Srebrenica**”, sponsored by the UB Solidarity Foundation.
- 18 October – 9 November 2010: “**Mathematics Experiences**”, organized by the Association for the Promotion and Creation of a Mathematics Museum in Catalonia (MMACA).
- 24 November – 14 December 2010: “**I Remember: Katyn 1940**”, sponsored by the Consulate General of Poland and the Office of the Vice-Rector for Arts, Culture and Heritage.
- 1-19 February 2010: a sculpture show coordinated by Dr Jaime de Córdoba, for the conference *Food for Thought*, sponsored by the Australian Studies Centre at the UB.
- 15 February – 9 March 2010: an exhibition on the history of the Food and Nutrition Torribera Campus, organized by the Food and Nutrition Torribera Campus.
- 26-30 July 2010: a sculpture show entitled “**Le temps retrouvé**”, coordinated by Dr Jaime de Córdoba, for the 56th International Congress of Assyriology, organized by the Inter-University Institute of Ancient Near Eastern Studies (IPOA).
- 12-22 November 2010: “**The Passage of Time**”, organized by the Geological Institute of Catalonia and the Royal Academy of Sciences and Arts of Barcelona.





- 14 February – 26 March 2011: “**Planet Women**”, sponsored by the Agency for International Development Cooperation (AECID) of the Spanish Ministry of Foreign Affairs, the government of Cantabria and Menéndez Pelayo International University (UIMP).
- 28 February – 9 March 2011: “**Simone de Beauvoir, Feminist and Writer**”, sponsored by the Commissioner for Equality.
- 19 May – 10 June 2011: “**16 Catalan Scientists**”, sponsored by the Faculty of Mathematics.
- 4-28 July 2011: “**Cinema in Times of War, Exile and Repression**”, produced by the Memorial Democràtica of the Catalan government in collaboration with the UB’s Film-History Research Centre, and curated by Josep Maria Caparrós Lera, university professor of Contemporary History and Cinema, and Magí Crusells Valeta, secretary of the Film-History Research Centre.

featuring the Youth Opera Company of the conservatory of the Liceu.

Other **cultural activities** included the concert “Catalan Spring 2011”, part of the **International Festival of Russian Art and Sport**, organized by the World and Culture Association of Russia with funding from the Russian Federation’s Ministry of Foreign Affairs. The Festival, which closed with a gala performance of “Catalan Spring 2011”, brings together the leading dance companies, string ensembles, accordion orchestras, choral groups and artists from the many regions of Russia, demonstrating their high level of professionalism on stages worldwide.

This year, the **3rd UB Film Cycle** bore the title “Cinema and Its Arts”. The aim was to demonstrate to the public some of the specialities involved in filmmaking by showing the work of professionals in the field.

In the academic year 2010-2011, the UB inaugurated the **UB Contemporary Dance Cycle** with “**Narratives of the Body**”, reflecting the UB’s interest in dance and body theatre.

The UB hosted the **17th Conference on Poetry and Interracial Culture**, entitled **Poetry & Rock**. The event, which is organized annually by the Barcelona Poetry Classroom, was directed by Jordi Virallonga, a poet and lecturer in the Department of Spanish. The UB also held the **4th Classics in the Garden** in

The **24th Concert Cycle** featured fourteen concerts throughout the academic year. The performances were aimed at the general public and all were free and held in the Paranymph Hall in the Historic Building, which has seating for 500-600 people. The Christmas concerts featured Puccini’s *Messa di Gloria*, performed by the UB Orchestra, singers from UB choral groups and the soloists Raül Pobleu (tenor) and Jordi Ricart (baritone), under the baton of Carles Gumí. The cycle closed with a performance of the opera *The Medium* by G. C. Menotti,







“In the case of the Learning and Research Resources Centre (CRAI), the fact that the UB is such an old university is precisely what makes our library resources so unique. From that perspective, no other university in Catalonia can compare.”

Lidia Martínez  
member of administrative  
and service staff at the Pavelló  
de la República Library



Faculty of Pharmacy

memory of Ricard Salvat. The two performances were: *La querella de les dones: Christine de Pizan vs. Francesc Eiximenis*, on the occasion of the centenary of International Women’s Day and the eightieth anniversary of universal suffrage in Spain; and the *Mahabharata*, the Sanskrit epic brought to the stage under the direction of the youth company, Jove Calassanç Teatre.

Other **conferences** hosted by the UB included: “Where are the limits?”, a sculpture and design

meeting fostering debate among historians, scholars in the arts, sculptors and designers; “Breathe! Respiration, breath and murmurs in contemporary artistic practice”, an exploration of breathing from an interdisciplinary perspective, looking at philosophy, medicine, artistic practice and poetry in search of new ways of thinking about and envisioning the body; and “Caravaggio 400 years later”, with workshops on the painter led by Italian specialists and teaching staff from the University of Barcelona.

In addition, the UB welcomed Jorge Cham, who gave his “Flight of Barcelona Lecture”, and hosted the launch of the book *Sacerdoci i cultes del nord de l’Egipte mitjà durant la baixa època*, a work on religion in Ancient Egypt by Dr Núria Rodríguez Corcoll. Lastly, the UB hosted a premiere of the documentary *Les ruïnes d’Oxirrinc*, made by Josep Padró Piedrafita about the Egyptian site of Oxirrhynchus.

The UB’s **Virtual Museum** opened its section of **virtual exhibitions** with a show of work by the artist Christine Wilson. The new section enables visitors to consult the works of artists with ties to the UB as well as other works of special cultural interest. English translations now accompany the material in the following collections: the Rare Book and Manuscript Library, Scientific Instruments (with new items from the Faculties of Physics and Biology), and the Catalan Pharmacy Museum. Spanish translations are complete for two more collections: the Sabatar Pi Collection and the

Our com-  
mitment to  
society

4

degree courses offered  
at the University of  
Experience, with

169

students  
enrolled

Pavelló de la República Library Collection. Finally, the Virtual Museum now provides information on all temporary exhibitions on display in the various faculties and schools of the UB and offers a virtual tour of the Gaudí pavilions.

Building on our Virtual Museum initiative, the UB took part in activities organized reciprocally with other institutions in the areas of research and, particularly, **knowledge transfer**. Examples include: the workshop on cultural policy at universities, hosted by the Catholic University of Leuven; “Collections and Museums at the University of Barcelona” (University of Valladolid); the Coïmbra Group General Assembly; the CAH Task Force (University of Padua); and the 12th Universeum Network Meeting, with the address “Rearranging the Virtual Museum of the University of Barcelona: New Sections” (University of Padua).

In order to make the reserves of our **Rare Book and Manuscript Library** more widely known, the UB collaborated in a series of exhibitions, with materials on loan. External exhibitions included: “Per laberint” at the Barcelona Centre of Contemporary Culture (CCCB) and “La cocina en su tinta” at the National Library of Spain. Exhibitions held in spaces of the UB included: “Ulisse Aldrovandi” in the display cases of the Arts Library, “*Raimundus, christianus arabicus*” in the lobby of the Historic Building and “Translation in Italo-Spanish Relations: Language, Literature and Culture” at the Faculty of Philology.



Historic Building

One of the fundamental purposes of the University is to make knowledge and culture available through university extension courses and lifelong learning. In this pursuit, the UB completed the first year of our programs offered under the new **University of Experience** (UdE). The objectives are to offer university-level education to more

Our commitment  
to sport

180

medals won by UB  
competitors in the  
university championships



UB Sports

mature students, welcome them into the sociocultural context of the University, foster intergenerational communication and provide a meeting place where students can share a new cultural experience. The University of Experience is aimed

at everyone over 55 years of age and there is no educational prerequisite. A total of 169 students enrolled, of which most were women and of which the average age was close to sixty. The external language service of the School of Modern Languages organized a lifelong learning course in English, open to everyone over 55. UB Sports organized a +55 physical activity course. The UB took part in FiraGran 2011 and the thirteenth edition of the Saló de la Gent Gran de Catalunya, and was recognized for its efforts in bringing university education to more mature students through the University of Experience. In the same vein, the UB continued offering **Courses for Senior Citizens** (AUGG), drawing a total of 3,685 students, with 2,600 attending classes in the UB's own classroom spaces.

**UB Sports** carried out a series of activities aimed at promoting physical activity and sport among students at the UB, including a new membership type and a new web page on Facebook. As part of our ongoing program to update our facilities, the UB refurbished the roof and surrounding areas of the swimming pool and built a fourth court for padel tennis.

At the Spanish University Games event, UB competitors won 35 medals in addition to the 145 medals won at the championships of Catalonia, making the UB the leader in Catalan university sport for another year. In addition, our ongoing financial aid program for high-level sportspeople assisted

“As a student, you get a lot more from the UB than just an undergraduate degree. Besides studying and learning, you can take part in all sorts of activities like sport, languages and special talks and lectures.”

David Rebulà,  
student of Biology



145 students and 33 teaching staff, who acted as coaches.

The **UB Solidarity Foundation** focuses its work on cooperation development, the promotion of human rights and the culture of peace, social action and volunteerism. The Foundation provides advice and assessment services and launches and collaborates in specific projects that draw on the involvement of members of the university community. Some of the most recent projects include water management and improvements to local governability in Morocco, rural development and efforts to build lasting peace in Colombia, and the preservation of cultural heritage in Senegal. Joint work continues in the area of human rights research, dissemination and protection in collaboration with the Pontificia Universidad Javeriana of Cali, Colombia. The Foundation also initiated a cooperation project with the National University of Vietnam to improve

industrial wastewater management. The Foundation participated in the design of interuniversity cooperation programs with the Universidad Mayor of San Andrés, the Universidad Mayor of San Simón and the Universidad Mayor of San Francisco Javier, with all the Bolivian public universities and with the Zambezi University of Mozambique, as part of a project undertaken with the Vives University Network. In the area of building peace and protecting human rights, promoted by the UB Solidarity Observatory and the Paula program, the Foundation and the ICE awarded prizes for research projects conducted by students in upper secondary school on the subject of peace. The Foundation also hosted a series of events under the banner Tardor Solidària, held in all the faculties and schools of the UB to build awareness in its areas of focus.



## Student services

Ferran Adrià prize



### Student information and orientation

The **Student Support Service (SAE)** provides assistance to all UB students, offering information, advice, assessment, support and help to students while they study at the UB and in the job placement process. The SAE pays particular attention to students with special needs, ensuring that they receive equal opportunities and full integration in the university community. The SAE also offers information and guidance to upper secondary-school students in their selection of a degree and gives them help to make the transition to university.

### Information and orientation activities for prospective and incoming students

In addition to providing activities and services to prospective students to help them make the transition to university life, the SAE also assists incoming students with the tools needed to adapt to university education.

During the academic year 2010-2011, the SAE held practical, participative **activities at faculties and schools** aimed at secondary-school students, providing information on the UB's various degree courses. The events included workshops, laboratory activities, cultural outings, geology field trips and more. Participating faculties included Biology, Library and information Science, Physics, Geology, Mathematics, Psychology, and Chemistry.

In addition, the UB held **Open-House Days** for secondary-school students, with each faculty or school giving information on its facilities, services and degree offering. The participants in the academic year 2010-2011 totalled 4,227 students.

The UB offered competitive **prizes to upper secondary school students**, such as the second annual Ferran Adrià prize for research projects in food and nutrition, which drew 17 submissions. Other prizes included the second literary competition of film and book reviews, held by the Faculty of Library and Information Science; the fifth annual prize for research projects in tourism for upper secondary school students, offered by the CETT University School of Hotel Management and Tourism; and the research prize for peace, sponsored by the UB Solidarity Foundation.

To provide information on the UB's departments and services, we had a presence at **educational fairs** such as *Ensenyament* and *Futura* (Barcelona) and at fairs in Pamplona and Madrid. To bring the UB closer to prospective students, we also organized **talks** at secondary schools and at UB faculties and schools, and hosted several **orientation days**.

The Scientific Culture and Innovation Unit (UCC+i) held a series of events called "Afternoons with Science and Chocolate" at the Museum of Chocolate in Barcelona, as well as a course entitled "Youth and Society", which came out of an agreement between the UB and **Projecte Home**, an organization





dedicated to the prevention and treatment of drug abuse.

As part of the **Welcome program for incoming students**, the UB's faculties and schools organized information sessions on degree programs and services. An orientation day focused on families of incoming students, inviting them to get to know the UB.

The UB also produced **informational materials** on our educational offering, the services offered at the University, and other topics aimed to help students make the transition to university life more successfully.

In addition, the **accommodation program** continued to collaborate with the *Viure i conviure* program of the CatalunyaCaixa, a homeshare program in which the UB has been the university with the highest number of students participating (67). The UB also signed an agreement with CatalunyaCaixa to collaborate on a new accommodation program,

*Emancipa't*, which will offer flatshares at below-market prices.

### Information and documentation

Students can use the **student information line** to manage information requests about the UB's course offerings and services, taking advantage of the various channels at their disposal (face-to-face, electronic mail, telephone assistance). During the academic year 2010-2011, the service responded to 36,415 queries.

Students can use the **student portal MónUB** to gain access to a wide range of online applications such as electronic mail, self-enrolment, transcript access, grant applications, validations, free-elective preregistration, and other information and services of interest to students. During the academic year 2010-2011, the average number of monthly visits stood at 1,384,197.



grants for work placements abroad come through the Leonardo program.

The UB held the **UB 2011 Entrepreneurship Prizes** to promote entrepreneurial initiative among students and encourage self-employment. This activity, which came out of a collaboration agreement with the Spanish Ministry of Education, joins a growing list of activities undertaken by the UB in support of students and business creation.

Another activity of Feina UB is the collection of statistics on our career advice and **job placement** efforts. The information shows that 2,897 job offers were received from companies and institutions and 2,511 new students signed up. These figures bring the total since 2005 to 23,781 students and 13,536 companies, which accounted for 32,872 job postings.

During the academic year 2010-2011, the Student Support Service offered a **University Orientation Program**, which carried out various activities to help students design their professional career, develop and strengthen their competences and advise them in their job search.

The **Training in Professional Competences** program attracted 1,895 students. The program involved 38 courses on job search strategies and highly valued competences in today's labour

The **self-help resources room** of the Student Support Service provides document support for vocational and professional activities undertaken by the SAE. During the academic year 2010-2011, the collection has added 49 documents, bringing together monographs, company databases and specialized journal subscriptions.

### Career advice

The **Feina UB** program provides career counselling and advice to students in a variety of ways. Activities include a job bank, external placements in companies and institutions, job fairs, company presentations, and information on calls for grants to obtain work placements abroad. Many of these



“As an integral member of the UB’s staff, I try to contribute enthusiasm, commitment and hard work so that I can be professional, do my job as well as possible and make sure the university community gets the most from my efforts.”

Màxim Álvarez,  
member of administrative  
and service staff at the  
Bursar’s Office



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market, such as teamwork, decision-making, conflict resolution and the management of emotions.

The job club **Club de Feina** received 1,112 visits. Of these visits, 611 related to 14 documents on highly varied subjects, such as work and placements abroad, virtual professional networks, networking, the competences most in demand in the labour market, graphology as a tool for self-knowledge, video cvs and job recruitment.

The Club de Feina continued offering its personalized service on job interviews and added a new document loan service, making our collection of orientation materials more widely available in addition to enabling students to raise questions and doubts with our team of specialists.

For the first time, all the faculties and schools of the University, in collaboration with the SAE, organized a **Careers Day**, attracting 1,092 students.



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The UB announces the launch of a network for its alumni inspired by the Anglo-Saxon model. The initiative has few forerunners among Spanish public universities. In the Anglo-Saxon world and in many private universities, contact with alumni is a high priority, taking the form of clubs, professional networks, job banks and mentoring projects. The UB is set to pursue the same approach.

*La Vanguardia*  
4 November 2010

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### **The UB Unit Integration Programs**

The UB Unit Integration Programs offers assistance and support to UB students with special needs, aiming to provide equality of opportunity to the entire student body.

Once again, the University of Barcelona had the greatest number of students with special educational needs in the area of higher education offered face-to-face in Catalonia. The UB enrolled 88 new students with some kind of disability in the academic year 2010-2011, bringing the total to 444.

During the academic year, the UB devised a series of personalized plans aimed at students with

special educational needs, preparing a catalogue of **actions and resources** to provide assistance with their academic development, such as interpreters, students to provide support to individuals needing help to follow classes or get around the campuses, and loan materials like digital recordings, carbonless notebooks, digital whiteboards, bipedal wheelchairs and adapted software programs.

With respect to other **services and institutions**, the UB prepared numerous reports on students with special needs and on the removal of architectural barriers. Assistance came from the Agency for the Administration of University and Research Grants (AGAUR). The UB also collaborated in the coordination of the National Network of Disability Support Services at Universities (SAPDU). In addition, the growing number of students with learning disabilities gave rise to new ways to collaborate with associations such as the Catalan Dyslexia Association and the Adana Foundation. Efforts continued with companies and specialist organizations to facilitate the employment of our students with disabilities, making use of selection processes specially aimed at them.

In the academic year 2010-2011, the UB implemented a new program by agreement with the Hospital Clínic of Barcelona to provide state-regulated activities of intellectual and cognitive stimulation, academic support and seminars for UB students who, for medical reasons, need to spend long periods in hospital.





### Student participation

During the months of September, October and November 2010, the UB held elections to fill seats vacated by student representatives on the UB Senate, the academic councils in each degree, and each faculty's or school's management board. Voting took place on 18 November.

### UB Alumni Agency

On 3 November 2010, the University officially launched its UB Alumni Agency at an event held in the Paranymp Hall of the University. Participating in the event were honorary chairman Miquel Roca i Junyent and a Council of Notables, currently made up of 48 leading figures from the world of culture, the arts, economics, politics and more.

Since its inception, the UB Alumni Agency has created 22 clubs segmented by professional interest, sector, function or region. The clubs, which employ more than 70 volunteers, seek to raise the public profile of the University of Barcelona. They also assist former students to find others with similar interests, promoting networking among the community of UB alumni. Currently, the UB Alumni Agency has more than 6,000 members, including former UB students, administrative and service staff and teaching and research staff.

In the past year, the UB Alumni Agency has been a driving force behind Grup Promotor de l'Empre-



nedoria Social de Catalunya, a Catalan group promoting social entrepreneurship, and has organized a total of 61 activities sponsored by the various clubs or by the agency itself. The events attracted the participation of a total of 2,790 individuals.



“The public entrusts us with their children and we have to be up to the task of educating them with the rigour and the competence that will be demanded of them in their future jobs.”

**Milagros Guardia**,  
university professor at the  
Faculty of Geography  
and History





# 3

## A university at the forefront of education

Academic course offering

Additional academic opportunities

Support services for teaching





## Academic course offering

With the design and approval of the new EHEA bachelor's degree in Communication and the Culture Industry, the UB has completed its EHEA plan of bachelor's degree studies within the framework of the European Higher Education Area, consolidating its offering of 65 **EHEA bachelor's degree courses** for the academic year 2011-2012. In addition, we worked on the definition and establishment of tools and an internal quality assurance system (SAIQU) for the new curricula, from the design and evaluation of different programs to their official accreditation, and this has enabled us to measure performance and quality on a regular basis.

Throughout the creation of the EHEA, we have insisted on the need to improve the transparency, flexibility and comparability of European university degrees.

In the area of **Old Plan degree courses not adapted to the EHEA and EHEA bachelor's degree courses**, the UB received 17,147 first-place applications for 10,939 places during the academic year 2010-2011, putting the demand ratio for places at 1.57. The highest numbers of first-choice applications were

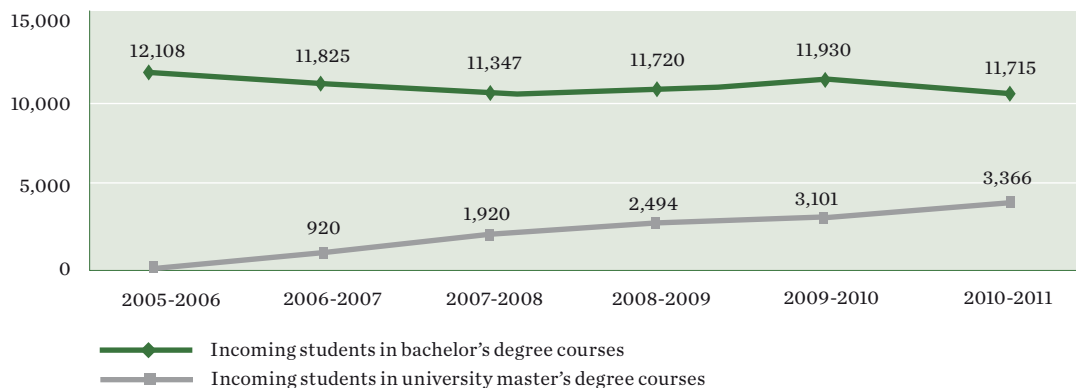
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The University of Barcelona announces a new EHEA bachelor's degree in the growing communications sector: Communication and the Culture Industry. Beginning in September of the academic year 2011-2012, the new degree will take an innovative approach when compared to courses offered in the same area by other Catalan universities, combining education in the social sciences, arts and humanities and communication technology.

*El Periódico de Catalunya*  
28 March 2011

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**New students enrolling in Old Plan degree courses (not adapted to the EHEA), EHEA bachelor's degree courses and university master's degree courses**





Education adapted to the EHEA

24,194

students in 64 EHEA bachelor's degree courses offered in 2010-2011 (including UB-affiliated centres)

received in Medicine (1,791), Business Administration and Management (1,204), Primary Education (1,167), Nursing (1,050) and Psychology (965). The total number of enrolled students stood at 48,555, including 11,715 first-time students.

The implementation of 16 new **university master's degree courses** adapted to the requirements of the European Higher Education Area brought the total number to 146. Enrolment stood at 5,235 students, with an additional 180 at UB-affiliated centres. By numbers of students, the most popular courses were Teacher Training in Obligatory Secondary and Upper Secondary Education, Vocational Training and Language Teaching (262), Women, Gender and Citizenship (179), Advanced Chemistry (129), Critical and Emergency Care (129) and Biomedical Engineering (122). These numbers include 1,434 international students (26.5% of the total), who come predominantly from Latin America and, in the case of Europe, from Italy.



The total number of students awarded Old Plan degree courses stood at 7,916, while the total number of students awarded university master's degrees courses reached 2,115.

The UB also submitted proposals for new university master's degrees, culminating in the approval of six new degrees, which brings the total offering to 152 university master's degrees for the academic year 2011-2012.

The UB offered 184 **UB-specific postgraduate diplomas**, 42 **courses offering certificates of attainment** and 214 **UB-specific master's degree courses**, with 4,233, 512 and 5,430 students, respectively. The large presence of international students (17% of the total) provides an indication of how international UB third-cycle studies are.

The UB's **university extension program** offered 56 courses with 1,229 students enrolled.

#### University master's degrees approved for the academic year 2011-2012

- Basic Medical Skills
- Biohealth Computing (Erasmus Mundus)
- Innovation in Tourism Design
- Innovation in Tourism Management
- Law
- Research in Mental Health



“The University needs to draw on the restless imagination of students, turning them into professionals with creativity and an entrepreneurial spirit. The best contribution that the University can make to society is to educate individuals to tackle the growing complexity around us.”

Fernando Espiell,  
university professor at  
the Faculty of Chemistry

### Students in UB-specific master’s degree courses, postgraduate diplomas and extension courses

Study area	Master’s degree courses	Postgraduate diplomas	University extension courses
Arts and humanities	227	114	205
Social and legal sciences	886	692	384
Experimental sciences and engineering	188	105	210
Health sciences	1,590	712	63
Education sciences	158	143	67
ICE	41	59	-
IL3	2,340	2,920	290
<b>Total</b>	<b>5,430</b>	<b>4,745</b>	<b>1,229</b>

### Grants and other financial aid

The UB received and managed 14,811 applications for **grants** for **general** and **mobility** assistance for students to pursue **Old Plan degree courses** not adapted to the EHEA, **EHEA bachelor’s degree courses** and **university master’s degree courses**, and 8,463 awards were made. Total grant funding stood at 23,734,899.03 euros. Of this amount, 8,056,271.03 euros corresponded to tuition exemption, 1,869,418 euros went to general mobility assistance, and 1,265,981 euros provided special mobility assistance. The remaining sum of 12,543,229 euros assisted the purchase of books and helped to cover students’ travel costs, accommodation and other expenses.

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Bellvitge Campus

Our commitment to international reach **26.5%** of university master's degree students are visiting students

**International reach of the student body\***

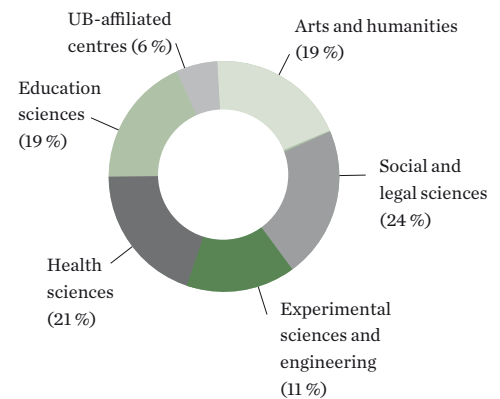
Studies	International students	% of total
Students in bachelor's degree courses	2,714	5.6
Students in university master's degree courses	1,434	26.5
Students in doctoral programs	1,341	31.7
Students in UB-specific master's degree courses, postgraduate diplomas and extension courses	1,636	15.6
Master's degree courses	1,257 (23.2%)	
Postgraduate diploma courses	460 (9.7%)	
Extension courses	167 (13.6%)	
<b>Total</b>	<b>7,373</b>	<b>10.2</b>

\* This includes students in UB-affiliated centres, ICE and IL3.

In addition, the UB received 447 applications for **free tuition for unemployed students in university master's degree courses or UB-specific master's degree courses**. A total of 177 awards were made for university master's degrees and 155 awards were made for UB-specific master's degrees for a total of approximately 420,768.08 euros.

In addition, the Spanish Ministry of Education (ME) awarded 166 **department collaboration grants**, representing 448,200 euros, while 455 **collaboration grants for services and units** amounted to 2,093,228 euros in funding. The **DRAC program** (Vives University Network) awarded 47 grants. The UB summer school, **Els Julols**, awarded 103 grants.

**Grant awards for Old Plan degree courses not adapted to the EHEA and EHEA bachelor's and university master's degree courses**



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A total of 22 students at the University of Barcelona have been named recipients of the National Prize for Excellence, awarded by the Minister of Education Ángel Gabilondo last Thursday. The prize, which carries official recognition, aims to single out the most successful students in specific degree areas.

[Web de la Universitat de Barcelona](#)  
21 September 2011

With regard to **student mobility**, the Spanish financial assistance program **Seneca** awarded 52 grants totalling 240,720 euros. With respect to other **mobility programs**, 443 grants were awarded

## Grants and other financial aid

Grants	Number	Amount (€)
General and mobility	8,463	26,555,956
Department collaboration	166	448,200
Seneca mobility grants for students	52	240,800
Collaboration with the UB	455	2,093,228

Other financial aid	Number
DRAC program	47
Mobility program	465
Specific exchange programs	97
The UB Els Juliols summer courses	103
Summer School on Innovation	7
Eurolife network grants	3

## International students on short stays at the UB

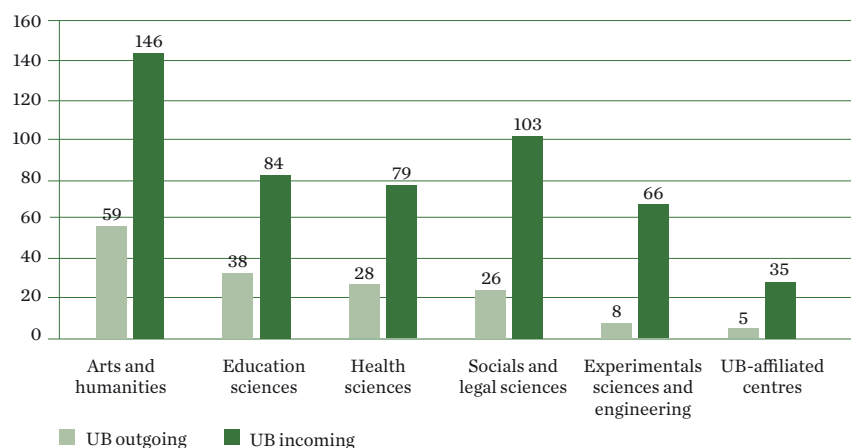
Exchange programs	Number of students
CINDA	14
Erasmus	1,089
Erasmus Mundus. <i>External Cooperation Windows</i>	63*
Erasmus Mundus	54
Coimbra Group	2
Bilateral agreements	111
Specific programs with the USA ( <i>Study Abroad</i> )	282
Individual applications	107

Grants	Number
MAEC-AECID	87
Carolina Foundation	20
<b>Total</b>	<b>1,829</b>

\* Complete degree qualification.

## Students in the SICUE national mobility program



within the European Union, 22 for the rest of the world, and 97 for specific student exchanges. In addition and for the first time, the UB gave four study grants and three travel grants to attend the international summer school in Montreal entitled “Management of Creativity in an Innovation Society” and 3 exchange grants were awarded in relation to the Eurolife university network for master’s students in Biomedicine.

In the context of the **SICUE national mobility program**, the UB signed bilateral agreements with 48 Spanish universities and offered a total of 2,602 places. The University of Barcelona ranked second in Spain in participation and financial support for national mobility programs.

The UB welcomed a total of 1,829 visiting students on **short stays**: of these, 1,722 took part in **international exchange** programs while 107 received international exchange grants.

A total of 37 **mobility grants for students in university master’s degree courses** provided 71,200 euros in financial assistance. The breakdown of recipients was Fundamental and Applied Ecology (2), Psychogerontology (13), History and Culture of Food (12), Environmental Management and Restoration (3), Nanoscience and Nanotechnology (1), Psychosocial Intervention (2), The Training of Teachers of Spanish as a Foreign Language (3) and Developmental Biology and Genetics (1).



“Technological change in the world of libraries is so fast and far-reaching that you just can’t keep up at work without lifelong learning.”

Lidia Martínez,  
member of administrative and service staff  
at the Pavelló de la República Library

## Additional academic opportunities

The educational offering of the **Institute of Lifelong Learning (IL3)** provides professional training aimed at meeting the needs of the marketplace. By conducting research in the main sectors of the economy, we devise new programs. As a result of this research, the IL3 is set to create two new programs for the academic year 2011-2012: a postgraduate program in Human Resources 2.0 and a postgraduate program in Medical Appointments.

The **Innovation Area** continued work on its pilot project using iPads as tools for distance learning and started a new line of work that focuses on informal learning through social networks. Work also continued on our project to change the methodology of teaching practices, shifting toward the reinforcement of professionally-oriented activities as a methodological foundation for IL3 courses. The project also aims to reorient the Virtual Campus with respect to the emerging model of social and technological environments.

The Institute of Lifelong Learning organizes its relationships to the business world through its **Corporate Solutions Area**. In this area, the IL3 analysed and identified a set of characteristic indicators which are significant for each economic sector and also critical to the development and implementation of a more effective action plan consistent with the differing educational needs in each sector.

The IL3 remains committed to providing value-added services in support of the learning of students and former students. The **Professional Career Service** established 278 new contracts with businesses and institutions, and collaborated with 1,107 businesses with which the IL3 signed 532 educational cooperation agreements. The IL3 held its sixth edition of the IL3 Meeting, entitled “New Professions, New Opportunities”, and consolidated its presence in the social networks Facebook and LinkedIn as meeting and exchange spaces for students and former students. In the area of

### IL3 students

Type of course	Open courses			Corporate solutions		
	Students	Courses	Hours	Students	Courses	Hours
Face-to-face	2,993	119		707	36	
Blended	770	35		247	9	
Distance	14,019	292		5,283	75	
<b>TOTAL</b>	<b>17,782</b>	<b>446</b>	<b>73,076</b>	<b>6,237</b>	<b>120</b>	<b>3,143</b>



professional development activities, the IL3 PDP program offered lectures and practical workshops, both face-to-face and online, attracting the attendance of roughly 550 students and former students. The aim of IL3 PDP is to help participants tackle their professional challenges, apply the skills and competences they have developed or are developing in their educational program to their workplace environment, and acquire the new abilities they need to pursue their professional careers and personal lives successfully.

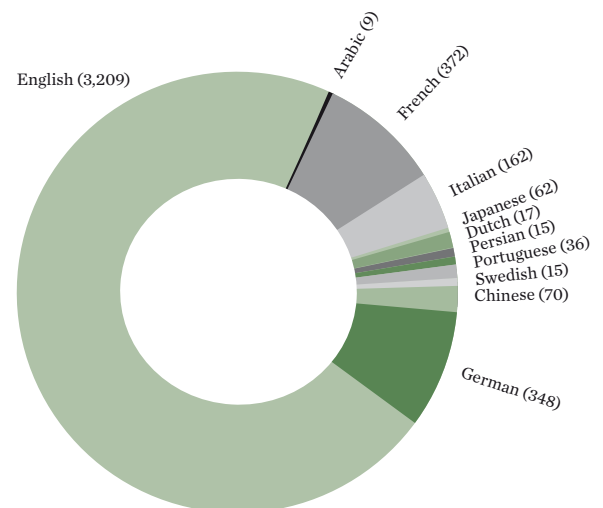


Founded in 1953 and noted for the quality and rigour of its teaching, the **School of Modern Languages (EIM)** offers foreign language instruction to the university community and to public and private institutions. Instruction is available through two types of courses: standard courses ranging from beginner to advanced level, and then special introductory, refresher or speaking skill-based courses, examination preparation courses and EAP language skills courses for specific university disciplines. Tailored programs are also avail-

able, bringing that recognized quality of EIM learning into the workplace within the context of the Council of Europe's Common European Framework of Reference for Languages (CEFR).

In the **Educational Programs** area, the school offered periodic courses in 11 languages during the academic year, including Arabic, Chinese, Dutch, English, French, German, Italian, Japanese, Persian, Portuguese and Swedish. Participating were 4,315 students (64% women) and 78 teachers (55% women). The **summer courses** numbered 30 and attracted 576 students. The number of level tests stood at 4,456.

**Students at the School of Modern Languages Education programs, 2010-2011**



## Our commitment to language education

# 11

## foreign languages taught in the School of Modern Languages

In the **Corporate Solutions** area, the school created a total of 69 courses (22 for outside companies and 47 for members of the university community). The number of students stood at 627.

For nearly sixty years, the **Institute of Hispanic Studies** has been providing education in Spanish language and culture to visiting students. The Institute organizes and delivers Spanish courses to students taking part in the Erasmus program or other bilateral agreements, running exams for the Diploma in Spanish as a Foreign Language (DELE) offered by the Cervantes Institute. The Institute also designs, organizes and teaches courses for groups with specific needs or requirements.

During this academic year, enrolment in the Institute's course offering reached 2,471 students. Of these, 372 students were Erasmus participants, while 804 students took part in the 59th edition of the Course in Hispanic Studies, Language and Culture for Non-Spanish Speakers. A total of 16 intensive language courses attracted 383 students. Other courses on offer included Business Spanish, Conversational Spanish, Written Spanish and Spoken Spanish for Everyday Situations. Lastly, 313 candidates enrolled in DELE preparation courses.

**Catalan language learning provided by the UB Language Services (SL)** took the form of 199 courses attended by 2,364 students, including year-long, one-term and intensive summer courses at

the CEFR levels A1, A2, B1, B2, C1 and C2. Successful students can receive official certificates from the Catalan government (Generalitat de Catalunya) as well as free-elective credits. Catalan instruction is also available for teaching and research staff to prepare and sit a UB Catalan language examination that is officially equivalent to the Catalan government's Level C Examination. Administrative and service staff can attend specially designed courses and examinations are also available to them.

Under the UB's **Plan for Languages**, the Virtual Campus introduced a new self-access activity for learning languages with the help of the Rosetta Stone program. The activity is aimed at students, teaching and research staff (TRS) and administrative and service staff (AdSS) and it attracted the participation of 576 individuals (456 students, 44 TRS and 76 AdSS). Self-access language centres promoted conversation groups in the pairings



“During exam periods and for my longer assignments I always use the UB’s libraries. They’re an excellent resource and I especially like the fact that you can use their laptops.”

David Rebulà,  
student of Biology



The new library on the Food and Nutrition Torribera Campus is the first in Spain to specialize in the subject of nutrition. In total, the library contains more than 5,000 titles [...] and old documents, such as recipes from the nineteenth century, ration cards, menus from ships carrying exiles, and advertising for food products.

*El Punt*  
4 June 2011

English-Catalan, Spanish-Catalan and Italian-Catalan. Participation in language exchanges totalled 325 students. Of these, 195 students were from the UB, while 130 were visiting students taking part in mobility programs.

During the summer of 2011 the UB held the fifteenth annual summer program called **Els Juliors**. A total of 1,208 students enrolled in 37 summer courses led by 402 teachers.

In parallel with our traditional summer offerings, the UB also organized the third annual **University of Barcelona International Summer School (UBISS)**, a program featuring courses in Spanish, English and French. Students representing 28 nationalities took part. In the context of the UBISS, the UB organized the third annual Summer School

#### Additional academic opportunities Students 2010-2011

School of Modern Languages	4,315
Hispanic Studies	2,471
Language Services	3,027

on the Management of Creativity, run jointly with HEC Montreal; the course “Sexual Orientation Law”, run jointly with Whittier Law School and the Williams Institute at the UCLA School of Law in California; and the summer doctoral course “The XXI Century Challenges to Urban and Regional Planning: from the City to Megalopolis”, run jointly with the IFPU (International Forum of Public Universities). In total, 416 students and 161 teaching staff took part in 12 courses.



## Support services for teaching

The **Learning and Research Resources Centre (CRAI)** spans twenty libraries and seven cross-university units that provide access to information resources and services and **collaborate in learning and knowledge creation**.

CRAI gives support to teaching and research staff in the management and provision of information resources and services that help them in their work. This includes advice in the creation of materials, publication of materials, copyright issues, the use of teaching platforms and tools, and **teaching and research innovation**.

This year marked the finalization of our CRAI Oracle **Strategic Plan** for the upcoming four years (2011-2014). CRAI continued work on the **expansion of the digital library**, adding new collections to the Memòria Digital of Catalonia and the Cervan-



### CRAI – Libraries

Reserves	Total	Acquisitions in 2010
Books*	1,523,401	57,989
Periodicals*	35,246	25,433
Databases	373	38
Other materials	97,829	5,931
<b>Services</b>		
Library users		5,479,625
Loans		826,738
Inter-library loans (UB document request service)		
requests issued		9,168
requests received		27,081
Catalogue queries received		25,114,762
Online periodical queries received		721,657
<b>Facilities</b>		
Total surface area (sq m)		38,711
Single-user reading desks		6,469
Computer terminals for public use**		723
Photocopy machines		36
Microform readers/printers		124

\* This includes paper and online formats added by acquisition or donation.

\*\* This includes laptop computers.

“Beyond the technical knowledge inherent in the degree, the study of mathematics has given me a new way of thinking about and understanding the world so that I can face any situation from an analytical perspective and look for solutions.”

Celia García,  
student of Mathematics

tes Virtual Library. CRAI also consolidated its **Library 2.0** with blogs in the UB domain, enhanced the use of the social networking site Delicious with subject-related resources, and participated in video channels (YouTube) and other networks such as Facebook, Twitter and Netvibes.

All CRAI libraries ran desks to welcome incoming students, and CRAI trainers again participated in official UB courses to provide students with informational competences.

In addition, CRAI drew on the excellent resources of the UB's libraries to prepare and collaborate in **exhibitions and projects** of interest both within and outside the University.

The University of Barcelona sees teaching quality as one of its primary objectives. The **Teaching Improvement and Innovation Program (PMID)** is committed to continuous improvement in teaching, giving impetus and support to teaching innovation and activities that enable the exchange of teaching experiences. The objectives of the program are to stimulate teaching innovation by giving financial assistance and methodological support to teaching innovation projects; to provide structure and cohesion to teaching staff at the University who are involved in teaching improvement by recognizing and consolidating teaching innovation groups; and to contribute to the dissemination, exchange and extension of experiences in teaching innovation and improvement.

To meet this aim, the UB gives financial support to **teaching innovation projects**. In 2010, 97 projects received a planned total of 100,000 euros to pursue teaching innovation. A total of 850 members of the teaching staff are involved in these innovation projects.

With respect to **innovation groups**, 65 consolidated teaching innovation groups received accreditation, while 22 teaching innovation groups achieved recognition. A specific call for funding allocated to consolidated teaching innovation groups took place.

The UB's **Institute of Education Sciences (ICE)**, founded in 1969, provides academic and cultural training to individuals who undertake educational tasks. The Institute performs this service through encouragement, constant guidance, and an analysis of the work of the university, in order to improve performance. The ICE analyses the training needs of teaching staff and devises proposals in response to this analysis, promotes and fosters educational innovation, provides guidance and advice on research, coordinates its own research activities, provides consultancy services, publishes materials and disseminates good practices, and creates training materials in various media. Enrolled students numbered 8,112 (66% women) attending courses taught by 465 educators.

In the area of **teaching assessment**, the UB continued to use its **online student questionnaire** for the student body on subject content and teaching

### ICE activities

Training and education	Students enrolled
Lifelong learning for teachers in early childhood, primary and secondary education, vocational education, and social and community learning	3,218
Training of university teaching staff	4,779
Postgraduate courses and master's degree courses	115
<b>Total</b>	<b>8,112</b>

methodology in EHEA bachelor's degree and university master's degree courses. Across the different modules and semesters, a total of 101,173 individual questionnaires were collected, representing a response rate of 22%.

The UB also maintained its **paper-format opinion survey** on Old Plan degree courses not adapted to the EHEA. This survey was given to 2,186 student groups and achieved a response rate of 34.4%, involving the processing of 51,124 individual questionnaires.

This year also marked the eighth formal **assessment of teaching activity** at the UB with 586 processed applications, of which 97.4% were favourably evaluated.





“In my area, you can see our level of research in all kinds of production, including our scientific articles, patents, research projects, master’s degrees, doctoral programs and more. We have a level that stands on a par with a large number of European and American universities.”

**Fernando Espiell,**  
university professor at the  
Faculty of Chemistry







# 4

## A university leader in research

Research

Knowledge, technology and innovation transfer

Doctoral studies

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The University of Barcelona announced the creation yesterday of the Institute for Research on the Brain, Cognition and Behaviour (IR3C). The new institute has been set up to coordinate research on brain activity and cognitive processes.

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*La Vanguardia*  
9 February 2011

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## Research



The University of Barcelona is the leading research university in Spain, based on **international rankings** such as the Academic Ranking of World Universities—known as the “Shanghai Ranking”—the World University Rankings published by *Times Higher Education* & *QS Quacquarelli Symonds*, and the Ibero-American Ranking SIR 2010 for scientific output.

Since 2010 the UB has formed part of the prestigious **League of European Research Universities (LERU)**, the network founded in 2002 to focus on the quality of higher education in research-intensive institutions. To date, the UB has been the only Spanish university invited to take part in this highly reputed organization and during the academic year 2010-2011, the UB played an active role in 48 of the network’s international meetings and hosted five of them in Barcelona. As a result of our involvement in the LERU and our collaboration in work groups with representatives from other member universities, the UB contributed to a total of 12 publications.

As part of the Spanish Ministry of Education’s program to sponsor international campuses of excellence, the project **Health Universitat de Barcelona Campus (HUBc)** achieved this distinction in 2010, receiving a budget of 13.5 million euros, with 13 million euros on credit, from the convening ministry and the Ministry of Science and Innovation. The new project becomes part of the **Barcelona Knowledge Campus (BKC)**, a joint



Work meeting of the LERU



First plenary of the HUBc

alliance forged between the University of Barcelona and the Universitat Politècnica de Catalunya (UPC). The BKC earned recognition in 2009 as an international campus of excellence and received a total budget of over 25 million euros, with 21 million euros on credit.

The HUBc represents a comprehensive model that draws together all the actors needed to achieve its primary goal of improving health. In this respect, it aims to be a driving force in teaching, scientific research, social action and business-related efforts in the area of health sciences. The HUBc focuses on the complete cycle of education, research, primary health care and transfer to the healthcare sector. It also balances a clear international focus with a strong desire to make a local impact.

In addition, the 2010 call for international campuses of excellence and **INNOCAMPUS** recognized the value of the BKC by increasing its allocated budget by 18.2 million euros (11.3 million euros to the UB).

In addition, the successful running of the institutes of the University of Barcelona (including both UB-specific institutes and those in which we participate), reflect our focus on high-quality research and continuing improvement in excellence. This is apparent in the fine results obtained in recent assessments, such as the selection of the **Institute of Cosmos Sciences (ICCUB)** to receive the distinction of excellence in research from the Spanish Ministry of Science and Innovation's Severo Ochoa Program, as well as the establishment of a new institute of which the UB is a member, the AgriGenomics Research Centre (CRAG), putting the UB at the forefront of that cutting-edge area of research.



Barcelona Science Park



Faculty of Medicine

Our researchers have also been singled out on the European scale, winning four of the Starting Grants and three of the Advanced Grants available from the European Research Council (ERC), in areas as diverse as language studies, economics, psychology, biomedical sciences and chemistry.

“In areas like the humanities, knowledge transfer is more difficult or the need for it is less obvious. That is precisely why we need to be more imaginative and find a convincing way to show we are needed and why. And that is what we are doing.”

**Milagros Guardia,**  
university professor  
at the Faculty of Geography  
and History

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A group of scientists has discovered that D-aspartic acid (D-Asp) is a new neurotransmitter that can have a therapeutic use in the fight against neurological diseases such as Parkinson's and schizophrenia. The research, published in *The Journal of the Federation of American Societies for Experimental Biology (The FASEB Journal)*, drew on the participation of Jordi Garcia-Fernàndez, Salvatore d'Aniello and Ildiko Somorjai, experts in the UB's Department of Genetics and the Institute of Biomedicine.

*Breaking News, International News Portal*  
5 May 2011

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Together with the involvement of outside members, the main strength of the UB in research lies in our people. Of the total 6,582 individuals involved in UB research, 4,830 are researchers and grantholders, while 816 are technicians and 936 are assistants, according to data from the INE R&D statistics. They take a direct part in consolidated, project-spe-

### UB-specific research centres and institutes and UB-specific research institutes

- Centre for Primate Research (CERP)
- Centre for Research on Biodiversity in Terrestrial Mammals (CRBMT)
- Centre for Research on Citizenship and Civil Society (CISC)
- Centre for Research on Drug Development (CRDM)
- Centre for Research on Fiscal Federalism and Regional Economics (CRFFER)
- Centre for Research on Theories and Practices for Overcoming Inequalities (CREA)
- Centre for Research on Welfare Economics (CREB)
- Duoda Centre for Research on Women
- Geomodels Research Institute
- Institute for Research on Applied Regional and Public Economics (IREA)
- Institute for Research on Biodiversity (IRBio)
- Institute for Research on the Brain, Cognition and Behaviour (IR3C)
- Institute for Research on Medieval Cultures (IRCUM)
- Institute for Research on Nutrition and Food Safety (INSA-UB)
- Institute of Ancient Near East Studies (IPOA)
- Institute of Biomedicine (IBUB)
- Institute of Cosmos Sciences (ICCUB)
- Institute of Mathematics (IMUB)
- Institute of Nanoscience and Nanotechnology (IN2UB)
- Institute of Public Law (IDP)
- Institute of Theoretical and Computational Chemistry (IQTUB)
- Polis Centre for Research on Environmental Intervention: Art and Society (CR POLIS)
- Water Research Institute



Our research strength

243

consolidated research groups

cific and emerging research groups recognized by the Catalan government, as well as playing roles in related activities.

Under the **Strategic Research Plan**, the UB created a new International Observatory on the Teaching Profession (OBIPD) to strengthen our interdisciplinary focus and coordinate the research of groups whose work is related to one another.

At present, the University has 11 research institutes adapted to the new regulations, 2 university institutes, 10 research centres, 10 observatories and 3 documentation centres. In addition, the UB participates jointly with other institutions in 13 more institutes and centres and in 2 interuniversity institutes.

The UB held a **call for financial assistance** to upgrade scientific and technological equipment. A total of 56 awards amounting to 671,120 euros were allocated for this purpose.

In addition, 63 awards totalling 79,700 euros were given for the organization of scientific meetings.

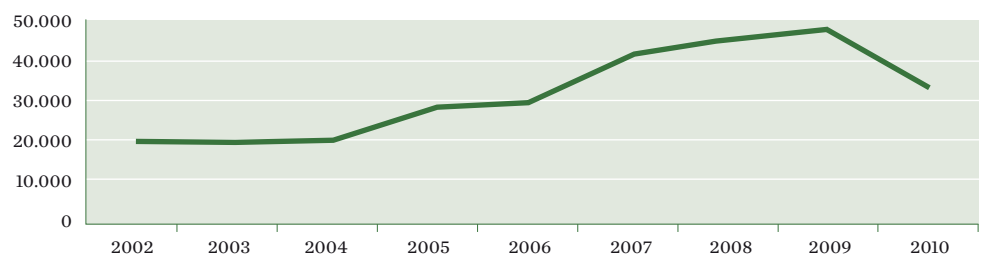
As part of the 2010 program Incentives for the incorporation and strengthening of research activity, the UB gave 39 awards of financial assistance to provide support to research activities in strategic areas pursued by the UB's own teaching and research staff.

As part of the National Pact for Research and Innovation (PNRI) and the new research and innovation plan, the competitive call for financial

**UB faculty and school income from research activity**

	Projects	Amount (€)
Projects and special activities	235	22,378,271
Infrastructure	-	-
Funding		11,632,071
<b>Total</b>	<b>235</b>	<b>34,010,342</b>

**Income from research activity (thousand of euros)**





Barcelona Science Park

assistance in 2009 attracted applications from 243 consolidated **research groups**, 22 emerging research groups and 14 project-specific groups, in addition to 32 groups managed by the August Pi i Sunyer Biomedical Research Institute (IDIBAPS) and 10 by the Bellvitge Institute for Biomedical Research (IDIBELL).

With respect to the **scientific output of UB researchers**, the international databases of the Institute for Scientific Information recorded 3,723 collaborative publications. Of this total, 3,159 figured in the Science Citation Index Expanded (SCI), 460 appeared in the Social Sciences Citation Index (SSCI) and 104 featured in the Arts & Humanities Citation Index (A&HCI).

In 2010, **income from research activity** at the 19 faculties and schools of the UB stood at 34,010,342 euros from a total of 235 projects. This includes national and European projects, infra-

structure and other funded projects. Of special note are eight projects with the ICREA Academy program aimed at creating financial and other incentives for research excellence among research staff in the public universities of Catalonia. The eight ICREA Academy projects represent 2 million euros.

The total number of **signed agreements** stood at 378, while the income from research-related agreements, which numbered 105, stood at 2,389,919 euros.

In 2010, the UB signed 15 European projects as part of the **Seventh Framework Program of the European Commission**, totalling 6,494,288 euros.

The **Barcelona Science Park (PCB)** is a powerful engine for research activities, seeking to drive high-quality research, build and strengthen relationships between the UB and the business world, and spur the creation of new companies and institutes. The PCB is home to more than 2,100 professionals and over 60 private-sector firms.

In the area of **building and refurbishment**, planned work is well advanced on the Cluster Building and the Services Building, resulting in an additional 49,000 sq m of space to the PCB's facilities.

Work on the new buildings includes the enlargement of three floors of the Cluster Building; the completion of the Services Building, which has an auditorium with a capacity of 400 as well as a

Our research  
and technology  
transfer

81,206,449  
euros in income generated by the UB Group in research and technology transfer



#### UB Group income from research and technology transfer

<b>Research projects*</b>	<b>55,887,271</b>
UB	22,378,270
IREC	2,667,739.29
IDIBAPS	16,249,221.55
IDIBELL	4,850,670.86
IBEC	1,107,604.80
IRB	8,048,649.42
PCB	585,115.08
<b>FBG contracts</b>	<b>9,642,316.61</b>
<b>Other funding</b>	<b>11,632,070</b>
<b>UB agreements</b>	<b>2,389,919.18</b>
<b>FBG agreements</b>	<b>1,654,872.09</b>
<b>TOTAL</b>	<b>81,206,448.88</b>

\* This includes the University of Barcelona, the Catalonia Institute for Energy Research (IREC), the August Pi i Sunyer Biomedical Research Institute (IDIBAPS), the Bellvitge Institute for Biomedical Research (IDIBELL), the Institute for Bioengineering of Catalonia (IBEC), the Institute for Research in Biomedicine (IRB) and the Barcelona Science Park (PCB).

restaurant; the completion of the Energy Building, which will house one of the three electrical substations that form the electric grid serving the Barcelona Science Park; and the completion of a new parking facility.

Work also includes the refurbishment and modernization of laboratory and office space in existing buildings, which have enabled the IRB and IBEC to gather their researchers in a single building and bring them closer to support staff.

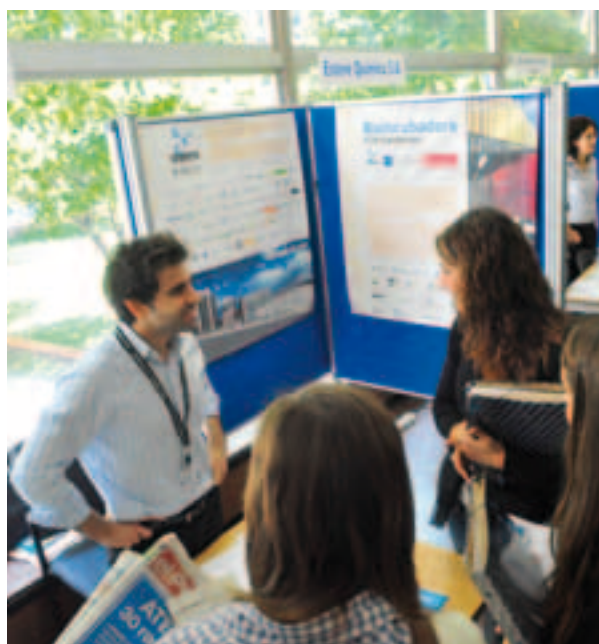
In the research area, the PCB exercises direct management over eight technology platforms and three units providing scientific services, which together make up the PCB's technological offering.

The technology platforms carry out a broad range of activities, including technological development to identify, develop and standardize specific processes or devices; scientific services in support of research; consultancy that aims to provide users with the expertise of staff who are highly qualified in the use of the platforms, as well as the tools and equipment of the facilities; participation in mixed research (with businesses or research groups); assistance in obtaining funding for independent research; and participation in conferences and in the publication of articles in prestigious research-oriented journals specific to each area of activity.

In addition, the **National Centre for Genome Analysis (CNAG)** now has eleven next-generation

Spanish scientists have identified the genes that cause leukemia. Published today in the journal *Nature* and carried out under the leadership of Elías Campos of the Hospital Clínic and the University of Barcelona and Carlos López-Otín of the University of Oviedo, the research has succeeded in sequencing the complete genome of patients with leukemia and identified mutations that offer new keys to enhancing our understanding of this disease.

*La Gaceta de los Negocios*  
6 June 2011



DNA sequencers, a powerful computer cluster and other supplementary equipment. The Centre has also carried out training of its laboratory and computer staff. In order to provide the scientific community the most up-to-date technology at all times, the CNAG has purchased equipment that will enable the Centre to triple its ability to perform DNA sequencing, making CNAG one of the leading centres of its kind anywhere in Europe.

In the **innovation area**, the 18 companies participating in the **PCB-Santander Bioincubator** consolidated their research output.

The companies in the Bioincubator show versatility in the projects they can offer or take part in, as well as a strong ability to innovate. In 2010, several companies won prizes in recognition of their innovative products and entrepreneurship.

For another year, the Barcelona Science Park took part in the initiatives of the Ibero-American University Network of Business Incubators (**Red Emprendia**). The organization drafted the document *Horizon 2015*, which aims to consolidate the leadership of its nodes in the entrepreneurial mission of universities and become an international point of reference in knowledge transfer and technological development, especially in the creation of university spin-off companies.

In addition, the PCB organized the second year of a program on drug development in collaboration with

#### PCB-Santander Bioincubator 2010

Research data	
Number of research projects in competitive calls	24
Value of research projects in competitive calls (in thousands of euros)	7.24
Number of publications	16
Industrial property data	
Number of trademarks	6
Total applications for patents	9
Number of patents in use	3





Barcelona  
Science Park

Biocat and the Toulouse Cancer Campus (Canceropôle) in France. The aim was to give doctoral and postdoctoral students and researchers a closer look at the various aspects of the process, from an initial idea to the marketing of a finished drug in the pharmaceutical and biotechnology sectors.

As part of the **BKC project**, the PCB secured funding from the 2010 call in order to consolidate the facilities of the ChemBioBank, undertake a new project to house international businesses, and set up a laboratory for the PCB-Santander Bioincubator.

With respect to the **communication and diffusion of science**, the PCB carried out projects aimed at fostering scientific culture in society at large and stimulating informed social debate on research topics, particularly in the life sciences. As part of the **Research in Society** program, a total of roughly 6,000 participants attended PCB-sponsored activities. Also, the PCB introduced new portals to reach schools that cannot participate in the activities on site. In 2010, online activities organized to disseminate science fell within two European educational projects: Nanoyou (Nanotechnology for Youth), a project providing education about nanotechnologies; and Xplore Health, a module on drug development.

As part of its institutional project, the PCB continued to pursue **communication and promotion efforts**, drawing on its relationships with the

mainstream media, using its corporate web page and undertaking various communication activities aimed at the public.

Within the process undertaken to make submissions in new calls promoted by the Ministry, The University of Barcelona's **Scientific and Technical Services (SCT)** officially changed their name to the **University of Barcelona Science and Technology Centres (CCiTUB)**. In May 2010, Dr. José Ramón Seoane took the reins as director of the renamed organization.

The CCiTUB give comprehensive research support to UB research groups, public institutions and private firms by contract or agreement. They can provide human resources (roughly 170 professionals) and technological resources across a wide range

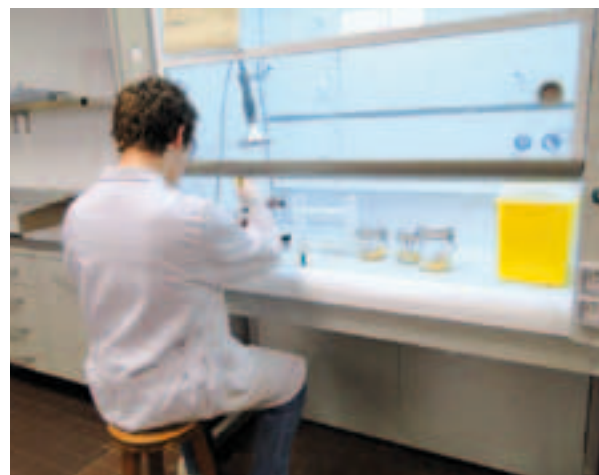


of scientific specialities and, drawing on staff expertise, can offer consulting to develop methodologies and collaborate in research.

The CCiTUB currently bring together a total of 35 **technical units** belonging to the former SCT, as well as the animal experimentation units (UEA) and the radiological protection unit (UTPR). CCiTUB facilities occupy more than 12,000 sq m on four of the UB's six campuses.

In the area of **accreditation and certification**, the CCiTUB renewed the ISO 9001:2011 certification held by the former SCT since 2005. The animal experimentation units and the radiological protection unit are currently in the process of ISO accreditation. In addition, the CCiTUB renewed the TECNIO accreditation (originally obtained in 2001). The TECNIO accreditation, which was created by ACCIÓ, brings together all the main experts in applied research and technology transfer in Catalonia. The CCiTUB also renewed registration in the Catalan government's Register of Agri-food Laboratories as a recognized laboratory. During 2010, the CCiTUB obtained recognition from the US Food and Drug Administration (FDA) as a contract laboratory for drug trials.

During 2010, the CCiTUB grouped the UB's technological offering into three broad areas of specialized techniques: bionanotechnology and health sciences, materials technologies and chemical technologies.



Users have access to techniques in such diverse fields as nuclear magnetic resonance imaging (medium, high and ultra-high field), electronic and confocal microscopy and nanometric surface techniques, mass spectrometry, specialized support techniques in the life sciences, and a wide array of techniques in chemical, molecular and structural analysis.

During 2010, the CCiTUB continued to grow and consolidate user numbers, collaborating with nearly 1,200 **different principal users** in UB-affiliated research groups and with other public institutions and private companies.

The CCiTUB carried out work for **453 principal researchers** in projects managed by the UB (affiliated to 57 different departments), for 434

“Administrative and service staff play an absolutely vital role in managing and supporting the UB’s governing bodies, our teaching and research staff and our students.”

**Anna Formatjé**  
member of administrative and service  
staff at the Faculty of Medicine



▲ Back to summary

principal researchers at 89 other public institutions and for 283 clients from a total of 232 companies in the private sector, including 196 based in Catalonia and 60 who were first-time users. Maintaining the trend of recent years, the majority of these private-sector clients (131) came from small-sized and medium-sized companies, while 41 were from large firms. By **economic sector**, the highest levels of work came from pharmaceutical companies (54.9%), chemical products for food (21.3%), scientific and biotechnology research (7.3%), minerals and metallurgy (5%) and health-related laboratories and associated consulting (3.2%).

CCiTUB **income** for projects and services provided in 2010 rose 6.46% over the previous year to 4.25 million euros (excluding VAT).

During 2010, the CCiTUB consolidated the growing trend of staff participation in **value-added projects**, solving analytic problems beyond the standard provision of services in a total of 77 projects for 43 private-sector companies and 29 research groups from 13 different public institutions (including 18 from the UB itself). The average income from this type of contribution rose 30% over 2009.

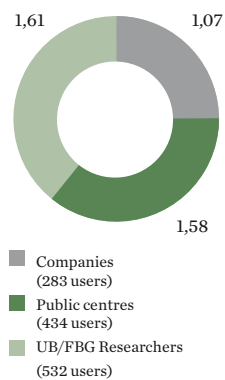
Of particular note is the CCiTUB facility (ICTS) for **nuclear magnetic resonance (NMR) imaging**, which is recognized by the Spanish Ministry of Science and Innovation and managed directly by the CCiTUB. Each year, a grant program works to consolidate the access of researchers to the ICTS’s high-field NMR equipment, and to enable the acquisition and enhancement of the facility’s equipment.

### University of Barcelona Science and Technology Centres (CCiTUB)

Staff	170
Value of scientific equipment (millions of euros)	41.11
Surface area	12,000 sq m
External private companies	232
Users	1,170
Internal users (principal researchers)	453
Total income (millions of euros)	4.25



### Income 2010 (millions of euros)



In collaboration with the International Campus of Excellence the **Barcelona Knowledge Campus (BKC)**, the CCiTUB planned and undertook a short-stay program to enable some 50 students in vocational or advanced-level training to join 32 CCiTUB units.

To **inform** researchers of newly installed equipment, the CCiTUB organized a series of activities, including the ninth Physchem Forum, day-long sessions on the business applications of scanning probe microscopy, a course on EELS microscopy and electron crystallography (TEM-MAT School), the Workshop on 3D Solutions in Electron Cryo-Microscopy 2011 and BCNano11: University, Industry, Future.

In the area of **university-business contracts and agreements**, the CCiTUB took part in the Cenit project: Geadic Biotec AIE-CCiTUB (Cytometry

Unit). Internationally, the Electron Cryo-Microscopy Unit participated with one of the associate centres in the Instruct-FP7.EU program. The Confocal Microscopy Unit participated in the Euro-BioImaging program as a member of the Spanish Network on Optical Microscopy (REMO), while the Nuclear Magnetic Resonance Unit took part in the NMR project for Structural Biology (Bio-NMR).

Between 2008 and 2010, CCiTUB technical staff figured as co-authors in roughly 300 **international publications**.

In compliance with the quality standards underpinning accreditation and certification, the CCiTUB carried out a **user satisfaction survey** that was external and private. An online questionnaire went to 242 users, the response rate was 26.85% and the overall mark was 8.25 out of 10.





Solar atrium,  
Faculty of Physics  
and Faculty of  
Chemistry

During the academic year 2010-2011, the UB continued to pursue basic lines of experimentation and research involving **animal experimentation units (UEA)** at Bellvitge Campus, the Faculties of Biology, Pharmacy and Psychology, the Casanova medical facility and Sant Joan de Déu. In addition, the UEA celebrated the ninth edition of the annual training course on animal experimentation for research staff, in which participants receive research personnel accreditation from the Department of the Environment of the Catalan government.

The **Radiological Protection Unit (UTPR)** gave scientific and technological support on the subject of radiological protection for research projects conducted by research groups and on equipment used in teaching, addressing the use of ionizing radiation commonly found in radioactive and radio-diagnostic facilities.

The UB's **Bioethics Committee (CBUB)** assesses and prepares reports with mandatory guidelines on bioethics and evaluates the ethics of research projects at the Barcelona Science Park. The CBUB has also initiated a collaboration program with AGAUR, issued statements on student participation in research projects and on possible ethical problems in scientific publications, and taken part in the seventh meeting of the ethics committees of Spanish universities, organized by the University of the Basque Country.

“The public is becoming increasingly aware of the potential that research has to help us raise living standards and make society a better place in general. At the same time, though, the public is also placing greater demands on researchers.”

Alfonso Herranz,  
lecturer at the Faculty  
of Economics and Business

## Knowledge, technology and innovation transfer



The **Bosch i Gimpera Foundation (FBG)** is the member of the UB Group that contributes to achieving the **third mission of the university**. In this respect, it stands at the forefront of the development of new projects that can smoothly and quickly connect the UB to new social demands and realities. The FBG is the bridge that links university, business and society. During 2010, the FBG continued its efforts to transfer research results at the UB and the UB Group to society, specifically through knowledge, technology and innovation transfer. Examples include: research on contract, collaborative research, valorization and patent licensing, and the creation of knowledge-based companies.

During 2010, the UB dissolved the Agency for Assessing and Marketing Research Results (AVCRI) and assigned the management of activities supporting research and entrepreneurship to the FBG. The UB took this step to streamline the procedures for

obtaining patents from national and international patent offices and for negotiating patent licensing with companies. In addition, the UB and the FBG signed an agreement for the FBG to take charge of managing how the UB's research results are used and transferred, as well as the business consulting, creation and management of technology-based companies in the UB Group. Guidelines were approved to govern how UB researchers can create technology-based companies.

In the area of **research on contract**, the UB pushed forward in 2010 to promote knowledge transfer in the humanities and social sciences and an individual responsible for promotion of these areas was named.

The **contracts and agreements** established by researchers with the private sector or through public calls in Spain or Europe represented a total income of 48,584,241.06 euros from 819 contracts.



### FBG contracts and agreements

	Number	Amount (thousands of euros)
Projects	495	14,799
European projects	43	25,513
Collaboration agreements	221	1,655
Program and service management	60	6,617
<b>Total</b>	<b>819</b>	<b>48,584</b>



Barcelona Science Park

In the area of **valorization and licensing**, the UB delegated authority to the FBG to enable it to carry out the assignment of rights relating to intellectual and industrial property, streamlining the procedure for obtaining patents and negotiating patent licensing, as noted above.

The FBG submitted 14 UB projects for the *Valor* call sponsored by AGAUR (part of the Catalan government), and the project “Generating energy based on small movements”, submitted by Professor Christophe Serre of the Faculty of Physics, won funding. In addition, the project “Multifunctional compounds modifying Alzheimer’s disease”, submitted by Professor D. Muñoz-Torrero of the Faculty of Pharmacy, won funding from the call *Apoyo a la comercialización de patentes*, sponsored by Genoma España to assist in the commercialization of patents.

The eight licensing contracts signed in 2010 are split between the Faculty of Medicine, with five, and the Faculty of Biology, with three.

The FBG prepared the good practices guide *Nano2Market* for strategies on intellectual property and technology transfer in the area of nanotechnology. The FBG also took part in the call for project assessment funded by Santander Bank and the Marcelino Botín Foundation, with resources of a million euros over two years, and five FBG projects were selected.

The UB held a call for the FBG-BKC Proof of Concept Fund, co-sponsored by the Office of the

### Valorization and licensing 2010

	Number
Proposals assessed	55
Patent applications	28
International patent extensions	17
Active transfer projects	90
Projects with valorization support	20
License agreements	8

Vice-Rector for Innovation and Knowledge Transfer and the International Campus of Excellence the Barcelona Knowledge Campus (BKC). This is the first fund of its kind implemented by the FBG and its objective is to provide financial assistance to subcontract activities that add value to technology projects and facilitate the ensuing transfer through patent licensing or through the creation of spin-offs. A total of 27 projects made submissions and 13 were selected.

The FBG gives **support to entrepreneurs and business creation** for technology-based companies within the UB Group. In 2010, the FBG provided advice for the creation of business plans and the submission of applications for funding totalling 2.586 million euros.

Two companies received loans through the “New Technology-Based Company” (NEBT) program funded by ACCIÓ. One company secured an

Presentation of the University Entrepreneurship Network



ACCÍÓ “Capital Concept” loan, and another company obtained funding from *Research and Development Project*, sponsored by the Centre for the Development of Industrial Technology (CDTI), of the Spanish Ministry of Science and Innovation. A further company secured two tranches of Torres Quevedo funding to support the R&D activities of highly qualified professionals in the private sector.

In 2010, two companies joined the **Bioincubator**, bringing the year-end total to 19. Also, the UB held shares in seven companies through the sole proprietorship **UB Innovative and Scientific Culture (CIC-UB)**. In addition, the UB continued to sponsor the **Entrepreneurship Chair** and joined the new **University Entrepreneurship Network**, formed by the principal public universities of Catalonia with the aim of fostering the entrepreneurial spirit in the Catalan university system. The Network gives support and promotes innovative ideas in business projects arising in the university setting, works to make business initiatives grow and thrive,

and generates knowledge for assessing university entrepreneurship.

In the area of **promoting innovation and knowledge transfer**, the FBG prepared 20 technology offerings for patents that the UB wants to transfer. The FBG also devised a structure for UB research according to business sector. Two catalogues are in elaboration, one for R&D services and projects and the other for research centres.

The FBG attended 14 national and international **trade fairs and conventions** and 25 **conferences and seminars** on the subjects of innovation and technology transfer with the aim of promoting the UB’s scientific and technological offering, grouped by business sector, and commercializing our technology portfolio. In addition, the FBG consolidated the conferences that it organizes for researchers on different kinds of transfer, including: “Transfer!”, “Shall we collaborate?” and “Create business!”. The third year of the program ‘Fostering innovation in business’ placed seven UB researchers, while 21 of the 27 graduates who have passed through the program have joined small or medium-sized companies.

In addition, the FBG coordinates the UB centres working under the TECNIO framework of the ACCÍÓ agency of the Catalan government. During 2010, the UB had 11 centres affiliated with TECNIO, involving 71 researchers and a total income from TECNIO-UB groups standing at 13,321,583 euros.

### Business creation and entrepreneurship support 2010

Technology-based companies created*	2
Entrepreneurs’ business start-up projects receiving advice	26
Business start-up ideas received	40
Companies added to PCB-Santander Bioincubator	2
Companies with CIC-UB shareholding	1

\* ImmunNovative Developments, with two licensed patents pending, and InnoQuant.





Faculty of Biology

The FBG managed five **research networks** for the Catalan government: the Reference Network on Economics and Public Policy (XREPP); the Reference Network on Applied Economics (XREAP); the Reference Network on Food Technology (XaRTA); the Reference Network on Theoretical and Computational Chemistry (XRQTC), and the Reference Network on Biotechnology (XRB).

In the context of **projects** and the call for **International Campuses of Excellence**, the **University of Barcelona** and the **Universitat Politècnica de Catalunya** launched the Barcelona Knowledge Campus (BKC) project. The FBG takes part in the BKC through transfer projects submitted by the UB. The three key areas of the FBG's efforts focus on the implementation of the Proof of Concept Fund, a program to foster innovation in business, and the promotion of knowledge transfer with a particular emphasis on the humanities and social sciences.

The third annual **Prizes of the UB's Board of Trustees and the Bosch i Gimpera Foundation** recognize the best knowledge transfer project and the most innovative business. In 2010, the prize-winners were: *Sílvia Busquets Rius*, lecturer in the Department of Biochemistry and Molecular Biology in the Faculty of Biology for her project "Formoterol: a new therapeutic strategy in the treatment of cachexia"; and the company *Intelligent Pharma SL*, set up in 2007 with the support of the Bosch i Gimpera Foundation as part of the PCB-Santander

Bioincubator. *Intelligent Pharma SL* offers computational services to companies in the pharmaceutical and life sciences sector, making use of the Helios software program developed by the company.

The **Patent Centre** conducts research, prepares documentation and performs dissemination and teaching activities in the field of **industrial and intellectual property**. It offers regular **training activities** in conjunction with the Spanish Office of Patents and Trademarks (OEPM), including conferences that provide updated information on patents, a course on patents and templates, and a practical course that prepares students for the European Qualifying Examination (EQE). Training is targeted primarily at technical staff and executives in private companies and public research bodies (universities around Spain, CSIC, etc.), as well as industrial property agents and lawyers.

The Patent Centre continued its collaboration with the FBG's Area for Valorization and Licensing, contributing industrial and intellectual property experts to FBG projects and assisting in the drafting and processing of patent applications. In addition, the director of the Patent Centre acts as a UB representative in any appearances before the OEPM. The centre offered a public information and advice service on industrial and intellectual property by request of ACCIÓ. Queries largely came from small-sized to medium-sized businesses and entrepreneurs.



“It’s strange, but it wasn’t what I’d planned to do at first. Then, gradually, I found myself progressing toward a doctorate. Who knows? Maybe in time I might end up teaching at this emblematic institution.”

**Sergi Soler,**  
student of the master’s degree Music  
as an Interdisciplinary Art



### Doctoral studies

During this academic year, the UB has offered a total of 71 **doctoral programs**, all adapted to the European Higher Education Area (EHEA). This represents a process of stabilization and adjustment in the UB’s doctoral studies. UB doctoral students complete a training period which, in general terms, consists of one or more university master’s degree courses, followed by a research period (also referred to as ‘doctoral studies’), which begins with the assignment of a doctoral supervisor and a line of research, proceeds through supervised research and culminates in the completion and defence of the student’s doctoral thesis.

Enrolment in third-cycle studies stood at 2,964 students. Of the total, 33.8% were international students. The number of students preparing their doctoral theses totalled 1,265. Of this number, 339 (or 26.8%) were international students.

During the academic year 2010-2011, the Spanish government passed a royal decree regulating future doctoral studies. The royal decree focuses on the research period for this highest level of education and also opens the door to the formal creation of doctoral schools.

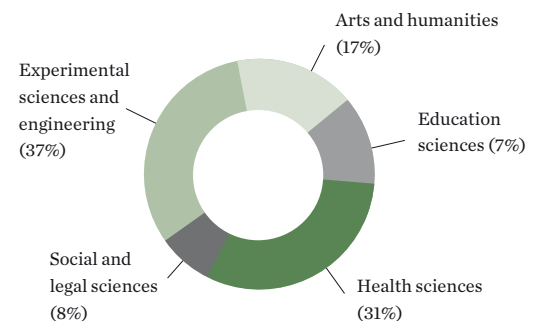
Also in the academic year 2010-2011, the traditional Quality Award for doctoral programs was replaced by a new distinction called the Pathway to Excellence Award, which will also be evaluated by the National

Agency for Quality Assessment and Accreditation (ANECA) and granted by the Spanish Ministry of Education. The aim remains the same: recognizing the quality of doctoral programs offered by Spanish universities. However, a preliminary hurdle has been added to the selection process, focusing on five broad subject areas, which include the research track record of doctoral program participants, their productivity ratios and the publications arising from their theses. Thirty-one programs received Pathway to Excellence awards.

The **number of doctoral theses** defended during the academic year stood at **593**.

The UB continued to promote online publication of doctoral theses (TDX) on a voluntary basis in support of open access, while requiring the completion of an abstract file for submission to the TESEO database.

### Doctoral theses submitted 2009-2010





**Distribution of third-cycle grants given by the Spanish Ministry of Education (ME), the Catalan government (GC) and the University of Barcelona (UB)**

	Grants and contracts		Financial aid for short stays	
	Number*	Amount** (thousand of euros)	Number	Amount (thousand of euros)
For training university teachers (ME) –FPU–	268	3,634	56	316
For training research staff (MICINN) –FPI–	261	4,159	66	429
For training research staff (GC) –FI–	182	3,171	-	-
For trainee research staff (UB) –APIF–	273	2,386	39	114
For training researchers (UB-specific program)***	5	31	-	-
<b>TOTAL</b>	<b>989</b>	<b>13,381</b>	<b>161</b>	<b>859</b>

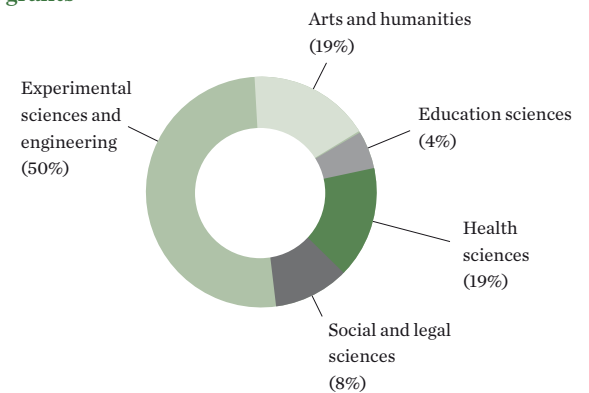
\* This includes renewals of existing grants and contracts.

\*\* This excludes the total cost of enrolment.

\*\*\* This includes grants from the UB-specific program, ADQUA and FI-G.

The UB processed **467 applications for doctoral qualifications**, while **42** students received the title “European Doctor”. The number of special awards to doctoral students was **61**.

**Distribution of third-cycle grants by area and number of grants**





“The UB has given me the chance to study with teachers who have excellent reputations within the University and internationally and they have shown terrific dedication in getting their knowledge across. Once I start looking for a job, I know I will benefit from the UB’s prestige in Europe and around the world and it will make the task of finding a position that much easier.”

**Celia García,**  
student of Mathematics







# 5

## A university with international reach

International institutional activity  
Mobility for students, teaching  
and research staff, and  
administrative and service staff

## International institutional activity

**Internationalization** at home and abroad is synonymous with quality, innovation, prestige and recognition, and it is a key element of university policy. The University of Barcelona's strategic plan establishes internationalization as one of our central pillars. With our actions, we aim to give greater visibility to international relationships in the university community; strengthen the language skills of members of the university community in order to enable participation in international research, education and mobility projects; and strengthen and diversify the channels between our vice-rectors' offices and the UB's faculties, schools and departments.

Facing outward, our objectives have been to strengthen and expand the image of the University of Barcelona, building on the impact achieved by the designation of the **Barcelona Knowledge Campus** and the **Health Universitat de Barcelona Campus** as international campuses of excellence. The UB also encourages contacts and active participation in **international networks** of which the University is a member.

In addition, the UB has taken part in international events, including conferences, seminars and other activities of an international character. As another way to reinforce the institutional aspect of this work, the UB has welcomed visiting international delegations, held two welcome events for international students coming to the UB to study, and organized Erasmus Staff Week, an entire week

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The University of Barcelona is set to coordinate a collaboration program involving the universities of the Mediterranean region. The project, called JiserMed (Joint Innovation & Synergies in Education and Research), centres on the exchange of professionals – teaching staff, postgraduate students and researchers, master's and doctoral students – between universities on the northern and southern shores of the Mediterranean.

*Expansión Catalunya*  
18 January 2011

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devoted to welcoming administrative and service staff from European universities. The UB manages various mobility programs for students, teaching and research staff (TRS) and administrative and service staff (AdSS) through the unit International Mobility and Programs, while development cooperation with developing countries is channelled through the UB Solidarity Foundation.

### **Internationalization at Home**

The UB has undertaken a series of activities in the university community to strengthen the **visibility of internationalization at home**. For instance, the UB organized the **2nd Internationalization Seminar**, which drew more than a hundred participants, including AdSS, TRS and students. The seminar focused on creating a shared vision of internationalization at the UB and uncovering

our most significant strengths and weaknesses at present.

As part of the 2nd Internationalization Seminar, the UB awarded **Internationalization Prizes** to recognize individuals who have played a significant role in this process. This year's recipients included Dr Josep Samitier Martí, who leads the Health Universitat de Barcelona Campus (HUBc) on the UB side, and Víctor Gómez, general manager of the University of Barcelona, for his work in developing and coordinating the HUBc. Awards also went to the unit International Mobility and Programs (OMPI) and the UB Solidarity Foundation.

The **website of the University of Barcelona** features a specific section devoted to international activity, raising the profile and awareness of our internationalization efforts. Similarly, **UB faculty web pages** have an international section. We have also created a map showing all the UB's international agreements and contracts and we have given greater prominence on our web pages to **news** on internationalization.

In the area of **language competence**, the UB has strengthened the **knowledge of languages** among its teaching and research staff (TRS) and its administrative and service staff (AdSS) through calls for foreign language courses. Specifically, 304 members of AdSS attended 55 language courses (English, French, German, Italian and Portuguese) organized specifically for AdSS or offered through



the UB's School of Modern Languages, the state-level institution the *Escola Oficial d'Idiomes* or others, such as the language immersion program.

In the case of TRS, 183 individuals took part in thirteen edition of the course Basic Skills and Tools to Teach Content Subjects in English, which was held on several UB campuses under the organization of the Institute of Education Sciences (ICE).

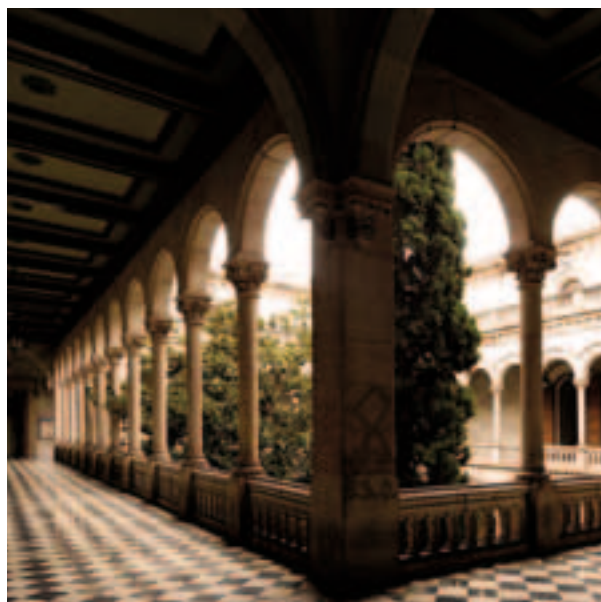
The number of students who attended courses subsidized by the School of Modern Languages totalled 358. The aim of attendance was to prepare students to take part in international mobility programs. The most requested languages were English, Italian and French. In addition, 372 international students coming to the UB through mobility programs took part in Spanish courses organized by the Institute of Hispanic Studies.

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Marta Sanz-Solé, university professor in Mathematics at the University of Barcelona, has been named chair of the European Mathematical Society (EMS) from 2011 to 2014. This marks the first time that a Spaniard will lead this organization, which represents fifty mathematics associations and twenty research centres and has nearly 2,500 individual members.

*El País*  
14 July 2010

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Historic Building

As part of the University of Barcelona International Summer School, the UB organized courses in English and French. In total, twelve courses attracted the involvement of 161 teaching staff and 416 students.

As described above, the UB has an aim to **strengthen and diversify channels** between the vice-rectors' offices and the UB's faculties and schools. To make this happen, the UB has consolidated the **International Relations Committee**, which brings the individuals responsible for international matters at the UB's faculties and schools and at UB-affiliated centres together with

members of the unit International Mobility and Programs and the Office of the Vice-Rector for International Relations.

Strengthening and diversifying the links between different UB bodies also gives rise to collaboration between the **Office of the Vice-Rector for Teaching and Science Policy** and the growing number of Erasmus Mundus programs in which the UB takes part, as well as the project to overhaul doctoral studies. Along the same lines, the **Office of the Vice-Rector for Research** plays a role in a large number of European and international projects.

### **Internationalization abroad**

The Office of the Vice-Rector for International Relations has pursued a variety of activities both within the University and abroad with the aim of reinforcing the international profile of the University of Barcelona.

The UB has a strong international tradition, which is apparent from the UB's excellent standing in several international rankings, such as the *Times*, QS and Shanghai rankings. In each of these rankings, the UB holds the highest position of all Spanish universities. The UB's tradition also draws on the location and international renown of Barcelona, the UB's home. In addition, the Office of the Vice-Rector for International Relations and other



vice-rectors' offices and units have made a strong effort to strengthen the UB's presence abroad. Added to these relationships must be the countless personal contacts in teaching and research maintained by so many members of the university community.

The University of Barcelona is a member of the most important European and **international networks**.

As part of the activities of the **Coïmbra Group**, the UB took part in the Trans-Doc project, which falls under the Erasmus Mundus program (Action 3), coordinated by the Technical Office of the Coïmbra Group. The UB attended the General Assembly hosted by the University of Padua (Italy), where the process was initiated to welcome the University of St. Petersburg (Russia) as a new member. The UB also took part in meetings of the working committee "Education, Training and Mobility", held in Brussels, and the working committee "African, Caribbean and Pacific Countries", held in Salamanca.

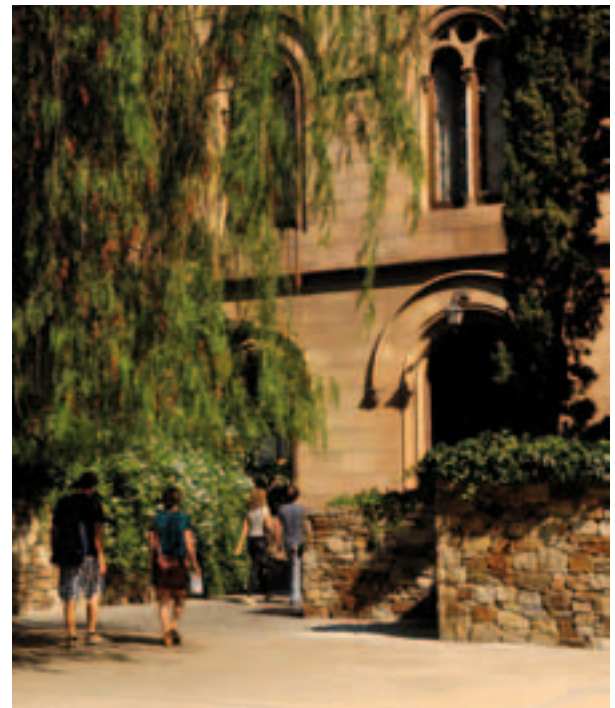
The UB attended the General Assembly of the **International Forum of Public Universities (IFPU)**, hosted by the University of Paris III: Sorbonne Nouvelle. The UB also visited the University of São Paulo and the National Autonomous University of Mexico to encourage their participation in IFPU. The UB organized the summer doctoral school "The XXI Century Challenges to Urban and Regional Planning: from the City to

Megalopolis", which drew teaching staff and students from IFPU member universities.

The rectors within the **International Research Universities Network (IRUN)** met at the University of Barcelona and admitted a new member: the University of Ljubljana (Slovenia).

The **European Universities Association (EUA)** held two assemblies, one at the University of

Faculty of Philology



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Among all the universities welcoming international students, the University of Barcelona stands out for its efforts to attract students from China. Currently, the UB offers eight exchange programs with Chinese universities and institutions, enabling more than 300 Chinese students to pursue undergraduate studies in Spain.

*China Daily*  
2 September 2010

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Palermo (Italy) and the other at Aarhus University (Denmark).

The UB participated in the General Assembly of **UNIMED**, a network of universities in the Mediterranean region. The meeting was held at the University of Lecce (Italy), where the University of Barcelona was named to a seat on the Executive Committee.

As a member of the **League of European Research Universities (LERU)**, coordinated through the Office of the Vice-Rector for Research, the UB took part in the rectors' assemblies, which were hosted by University College London on 19-20 November and by Pierre and Marie Curie University in Paris on 20-21 May 2011. The UB also attended the meeting of vice-rectors for research in Leuven on 6-7 June 2011, as well as 25 meetings of working groups and committees in which the University plays an active role.

On 25-26 July 2011, the UB hosted the conference of the **Inter-University Centre for Development (CINDA)**, which was held in the CETT-UB facilities.

In the context of the Consortium for Advanced Studies in Barcelona (CASB), the UB took part in meetings held in March and June 2011. In May 2011, the UB received visits from several representatives of USA institutions, including Brown University, the University of Chicago, Northwestern University,

Stanford University, Columbia University, Cornell University, Harvard University and Princeton University.

The UB attended the meetings of **Universia** that took place in Cadiz on 15 October 2010 and Zaragoza on 11-12 May.

The UB hosted a meeting of the **Catalan Association of Public Universities (ACUP)**, held on 20 January 2011, where the ACUP presented its University Cooperation Plan 2011-2015. The UB also took part in the meeting of the International Relations Committee on 21 June 2011.

As part of the **Spanish University Committee on International Relations (CEURI)**, the UB took part in the sessions of the Committee on Internationalization and Cooperation (CICUE) at the University of Vigo.

The **UB's institutional presence at international events** included, for example, joining an official visit to Montreal (Canada) made by a delegation from the **Catalan Ministry of Innovation, Universities and Enterprise**, led by the vice-president of the Catalan government and including senior officials of Acció 10 and Catalan businesspeople; UB attendance at the **centenary celebration of the National Autonomous University of Mexico**; our attendance at a meeting of members of the **Red Intercambio de Grado**, an exchange network focusing on undergraduate education, hosted by the University of

Buenos Aires; and the presence of the Education, Audiovisual and Culture Executive Agency (EACEA) of the European Commission at the **Project Directors' Conference** held at the Free University of Berlin for the programs EU-US Atlantis, EU-Canada and EU-ICI.

The trustees of the Foundation of the Confucius Institute of Barcelona held their first meeting, drawing on participation from the University of Barcelona, the Autonomous University of Barcelona, the Beijing Foreign Studies University (China) and Asia House.

As part of the pavilion of the Barcelona city hall at the Shanghai World Expo 2011, the UB took part in the **1st Barcelona-Shanghai Universities Conference** with five Chinese universities. The UB signed a collaboration agreement with the five universities to strengthen relations and exchange programs. Within the **Tempus JoinSEE** program, coordinated by the University of Graz (Austria), the UB took part in the meeting of experts on “Example of Excellence for Joint (Degree) Programme Development in South Eastern Europe”.

The University of Barcelona hosted the **International Seminar on the State of Higher Education in the Euro-Mediterranean Area**, which served to launch the Joint Innovation and Synergies Project – Mediterranean Region (JISER-MED) and is the first European Erasmus Mundus (Action 3) program coordinated by the UB. The UB also took part



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in the **2nd Meeting of the Rectors of Russian Universities and the Ibero-American Area**, which was held at the Lomonosov Moscow State University as part of the Spain-Russia Year. A subsequent visit to St Petersburg enabled the UB to establish contacts with other Russian universities, with the aim of preparing the groundwork for an Erasmus Mundus (Action 2) project coordinated by the UB (the Eranet Project, which has since received the green light), and also to strengthen relations and exchange programs.

The UB went to Porto to visit the Advanced Polytechnic and University Cooperative (CEPSU) in order to foster joint projects, and attended a meeting of all the members of Red Intercambio de Grado, hosted by the University of Buenos Aires, as noted earlier.



“What distinguishes the work done at a university like ours is the prestige of the education and of our teaching and research staff. They have managed to put the UB at the top of several rankings of university excellence both within Spain and beyond.”

Màxim Álvarez,  
member of  
administrative and  
service staff at the  
Bursar's Office



#### Participation in international trade fairs and exhibitions

- 22nd EAIE Annual Conference and Expo: Nantes (France) (September 2010)
- 16th Annual ICEF Berlin Workshop 2010: Berlin (November 2010)
- FPP Edumedia Italy 2011: Rome (April 2011)
- Le Forum International de l'Étudiant Maroc: Casablanca (April 2011)
- JTC Madrid Workshops 2010-2011: several regional fairs with representatives from Canada, Japan, the USA, South Korea and Taiwan

The University of Barcelona had a presence at **international trade fairs and exhibitions**, organizing an individual stand or attending in collaboration with other organizations.

The Office of the Vice-Rector has given support to **international congresses and seminars** organized by members of the University of Barcelona, and to Erasmus Mundus master's programs and other international programs in which the UB takes part.

In addition, as part of the UB's institutional efforts to establish and strengthen international relations, the UB received **visiting delegations** from other universities as well as foreign consulates and embassies.



### International congresses and seminars

- Joaquim Xirau Chair, jointly sponsored by the UB and UNAM (October 2010)
- “Procedure of the International Criminal Court” (March 2011)
- “Certified Program in Epidemiology for Healthcare Managers” (March 2011)
- Seminar on Teaching Russian as a Foreign Language (June 2011)
- Seminar on the Latest Scientific Advances (July 2011)
- International Seminar on Historiography (September 2011)
- 24th International Congress of Onomastic Sciences (September 2011)

The University of Barcelona hosted **an institutional welcome for international students** organized jointly by the Office of the Vice-Rector for International Relations and the Office of the Vice-Rector for Students and Language Policy. The event drew more than a thousand international students who enrolled in a number of UB departments with the assistance of international mobility programs. A special welcome event was held for international students participating in the Erasmus Mundus program. In addition, the **UB Solidarity Foundation** took a series of actions in the context of international cooperation, focusing on Colombia, Bolivia, the Democratic Republic of Congo and Vietnam.

### Visiting delegations

- University of Montreal (October 2010)
- Reception of a delegation from the Beijing Institute of Technology (BIT) (December 2010)
- Delegations from the UNICA and UNIMED networks (January 2011)
- Reception of the Japanese consul (January 2011)
- University of Montpellier (France) (February 2011)
- University of San Ignacio de Loyola (Peru) (March 2011)
- Fernando Pessoa University (Portugal) (March 2011)
- National Autonomous University of Mexico (May 2011)
- Meeting with the governor of Santa Catarina (Brazil) (May 2011)
- Meeting with the cultural attaché of the Iranian embassy (May 2011)
- University of Hanoi (Vietnam) (May 2011)
- Delegation from the universities of Santa Catarina (Brazil) (May 2011)
- Hashemite University (Jordan) (June 2011)
- Reception of the ambassador of Mali (July 2011)
- Delegation from the Centre for Education Quality Assurance (Indonesia) (July 2011)
- University of Montreal (July 2011)
- Meeting with a delegation from the Shanghai Academy of Social Sciences (July 2011)

# Mobility for students, teaching and research staff, and administrative and service staff

## Student mobility

With respect to the previous year, the number of students going abroad has risen by 20%. In **Europe**, student mobility for study and work placements largely occurs through the **Erasmus** program. The preferred destinations of UB students were Italy, France and the Netherlands. By contrast, most of the international students at the UB came from Italy, Germany and France. By faculty, the greatest numbers of UB students going abroad came from Economics and Business, Biology, and Pharmacy, while the greatest numbers of international students attended (in order) the Faculty of Philology, the Faculty of Economics and Business and the Faculty of Geography and History. This year, 20 UB students received European Commission funding for intensive language courses (ILCs) at participating foreign universities. Flemish, Greek and Swedish were the languages most in demand.

Student mobility in the context of the **United States and Canada** largely occurs through **bilateral agreements** between universities in those countries. The number of participating UB students rose by 112.5%, while the UB received 282 USA students as part of **Study Abroad** programs, representing a nearly 6% rise over the previous year. By faculty, the greatest number of UB students going abroad were enrolled in Pharmacy and in Law (as part of a dual degree program) and in Fine Arts, while the UB faculties attracting the greatest number of international students were the Faculty of Philology, the



Faculty of Economics and Business and the Faculty of Geography and History, for Study Abroad students, and Pharmacy, Economics and Business (USA), and Law (Canada), for students participating in bilateral agreements.

In the case of **Latin America**, the number of UB students going abroad rose 57% while the number of international students rose 56%, primarily thanks to the **Erasmus Mundus External Cooperation Windows** program and **bilateral agreements**. By category, the greatest number of international students at the UB came by means of **individual applications** and **bilateral agreements**, while UB students largely went abroad through **bilateral agreements**. By country, Mexico and Brazil sent the greatest number of students to the UB, while the preferred destinations of UB students were Mexico and Argentina.

Our commitment  
to internationa-  
lization

1,829

international students  
visiting through  
exchange programs

With respect to **the Maghreb, Arab countries, the Mediterranean and Sub-Saharan Africa**, international students primarily received funding in the form of **MEAC-AECID grants**. By country,

the distribution of grant recipients was quite even across the region, with Senegal as the country with the greatest number of students coming to the UB.

#### Student exchanges by exchange program and geographic area, 2010-2011

Program	Students	Europe (EU)	Central and Eastern Europe (non EU)	USA and Canada	Latin America	M, AC, MED, SSA*	Asia and Oceania	TOTAL
Erasmus studies	UB	853	32	-	-	-	-	885
	International	1,067	22	-	-	-	-	1,089
Erasmus placements	UB	36	-	-	-	-	-	36
Erasmus Mundus	UB	3	-	-	-	-	-	3
Joint Degrees	International	11	11	1	5	7	19	54
Erasmus External Cooperation Windows	UB	-	-	-	15	-	-	15
	International	-	-	-	63	-	-	63
Bilateral agreements	UB	-	17	32	48	-	11	108
	International	-	16	21	68	-	6	111
Coimbra Group	UB	9	3	-	-	-	-	12
	International	2	-	-	-	-	-	2
CINDA	UB	-	-	-	4	-	-	4
	International	-	-	-	14	-	-	14
Specific USA programs (Study Abroad)	International	-	-	282	-	-	-	282
MAEC-AECID	International	1	6	-	58	15	7	87
Carolina Foundation	International	-	-	-	20	-	-	20
Individual applications	UB	5	-	2	2	-	-	9
	International	18	3	8	73	3	2	107
<b>TOTAL</b>	UB	906	52	34	69	0	11	1,072
	International	1,099	58	312	301	25	34	1,829

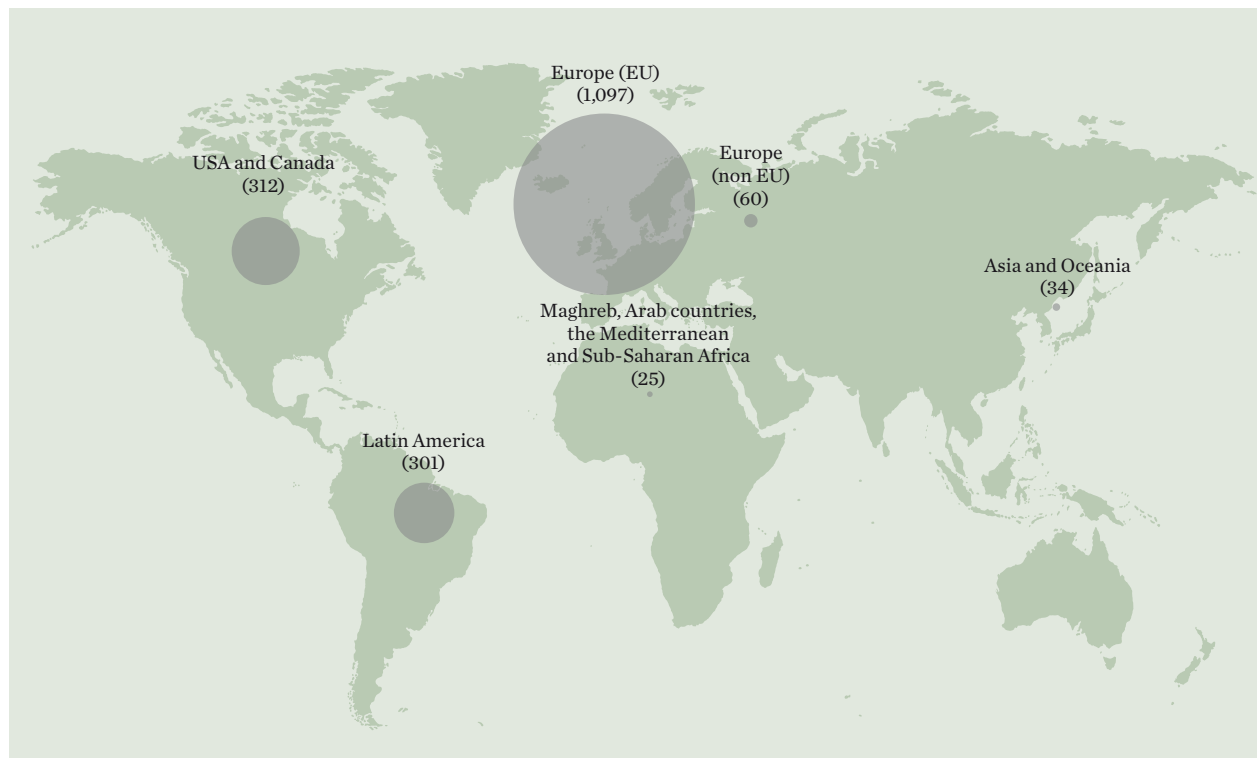
\* The Maghreb, Arab countries, the Mediterranean and Sub-Saharan Africa.



“As a student, I think the UB gives me a really high level of education with a great focus in terms of the EU and internationally. The educational activities are highly varied, thanks to the organization of lectures, conferences and other events that are attended by international participants.”

Valentina Galatone,  
Student in the  
university master's degree  
Business Law

### International students on exchange programs (breakdown by place of origin)



Student mobility within **Asia and Oceania** largely occurs through **Erasmus Mundus Joint Degrees**. By country, UB students chose Australia and Japan, while the greatest number of international students at the UB came from China.

### Teaching and research staff mobility

During the year, the UB's teaching and research staff (TRS) mobility drew particularly on two consortia of USA universities: the CASB (Consortium for Advanced Studies in Barcelona) and the CIEE (Council on International Education Exchanges). CIEE funding enables our TRS to attend English-language immersion programs at English-speaking



Our commitment  
to international-  
ization

9,202  
international students

121  
different nationalities

universities, largely in the USA, while CASB funding enables young UB teaching and research staff to pursue postdoctoral research periods at one of the following consortium members: Brown University, the University of Chicago, Stanford University and Northwestern University.

#### Administrative and service staff mobility

For another year, our administrative and service staff (AdSS) took advantage of the Erasmus pro-

gram, with ten AdSS members going to Italy, Germany, Austria, France, Hungary, Sweden and Switzerland. For the first time, four individuals received AGAUR financial assistance for mobility.

The University of Barcelona also organized the Erasmus Staff Week for the first time. The event, which was well received by our European partners, drew 22 individuals from universities in Poland, Turkey, France, the UK, Romania, Germany, Estonia, Greece, Latvia and Sweden.

#### Other programs: Erasmus Mundus

As part of the **Erasmus Mundus (Action 1)** program, the UB took part in two master's degrees selected in the 2009 call. The first is Photonics Engineering, Nanophotonics and Biophotonics (NanoBioPhotonics), coordinated by the Paul Cézanne University (Aix-Marseille III), while the second is Learning and Teaching of Spanish in Multilingual and International Contexts (EMLTE), coordinated by the University of Deusto. The two master's degrees have now enrolled their first year of students. In addition, the master's degree selected in the 2010 call, BioHealth Computing, which is coordinated by the Joseph Fourier University of Grenoble, prepared for its first class in the academic year 2011-2012.

In this context, the UB welcomed 54 international students. Of these, 25 came on visits linked to the Faculty of Teacher Training, 25 more came in

#### TRS and AdSS mobility programs, 2010-2011

	UB TRS	UB AdSS	International TRS	International PAS
Erasmus	66	10		22
Erasmus Mundus. External Cooperation Windows	4	-	6	-
Coimbra Group	-	-	3	-
Bilateral agreements (Latin America)	8	-	7	-
PCI-Ibero-America (AECID)	83	-	83	-
PCI-Mediterranean and Africa (AECID)	20	-	16	-
Grants for TRS projects and mobility (UB Office of the Vice-Rector for International and Institutional Relations)	15	-	5	-
CIEE call for funding	3	-	-	-
CASB call for funding	1	-	-	-
AGAUR	-	4	-	-
<b>TOTAL</b>	<b>200</b>	<b>14</b>	<b>120</b>	<b>22</b>

connection with the Faculty of Chemistry and 4 came to the Faculty of Psychology.

As part of **Action 2** involving students and teaching and research staff, the UB welcomed 72 individuals from abroad, while 20 UB people went to various Latin American universities.

In addition, the MoE (A Move on Education) cooperation project with Argentina, under the coordination of the University of Malaga, selected a total of 13 grant recipients, who will begin their mobility during the academic year 2011-2012. In the last EACEA call, the selected projects were Eranet Mundus with Russia, the first EACEA project coordinated by the University of Barcelona, and Avempace with Syria and Jordan, coordinated by the Berlin Institute of Technology.

In the context of **Action 3**, the UB coordinates the project Joint Innovation & Synergies in Education and Research-Mediterranean Region (JISER), which seeks to contribute to the development of higher education and research in the Euro-Mediterranean area. Participants include France, through the University of Montpellier and the University of Perpignan; Italy, through the Alma Laurea Inter-University Consortium; Spain, through the National Agency for Quality Assessment and Accreditation, the University of the Balearic Islands and Rovira i Virgili University; Jordan, through Prin-

cess Sumaya University; Morocco, through Abdel-Malek Essaâdi University, and Tunisia, through the Virtual University of Tunis.

The project aims to consolidate collaboration in the area of higher education and research among countries in the Euro-Mediterranean region, raising the international dimension of the quality of higher education from a Mediterranean perspective, ensuring the dissemination of experiences among our Euro-Mediterranean partners, improving services to students at all levels who move among the universities in the region, contributing to interdisciplinary debate and fostering a closer relationship between higher education and research in the region.

With respect to **European calls for educational cooperation**, the UB continued to promote, financially manage and provide support to teaching and research staff participating in these kinds of calls, fostering UB participation, particularly in the coordination of job offers.

In addition, the UB issued a **card** to international teaching and research staff to enable them to gain access to UB services, and the UB took steps to comply with the administrative requirements established by current regulations on the short stays of international teaching and research staff and students, whether they come from EU member states or not.







