Facultad de Ciencias
Universidad Zaragoza

M.L. SARSA
Vice-dean for international and enterprise relationships

Career development at the Sciences Faculty

Zaragoza University

THE SCIENCES FACULTY OF THE UNIVERSITY OF ZARAGOZA

JUST IN NUMBERS…

- About 1850 students
- About 450 teachers
- About 100 researchers
- About 50 research undergraduate fellows
- About 100 support staff

IMPORTANT RESEARCH NUCLEUS AT NATIONAL LEVEL, specially in Chemistry

It was the seed and boost the creation of several RESEARCH INSTITUTES

Facultad de Ciencias
Universidad Zaragoza

WE KEEP ON ADAPTING AND GROWING

- SERVICES AND GENERAL FACILITIES (CLASSROOMS, LABORATORIES, OTHER INFRASTRUCTURES)

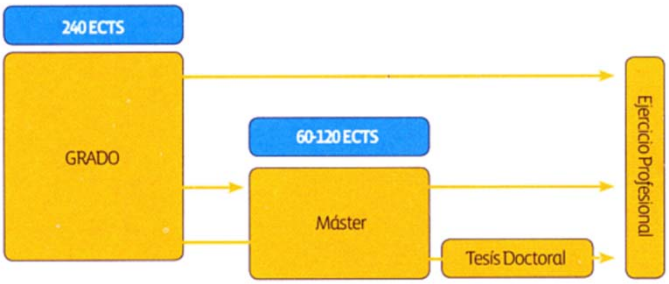
- SPECIALLY OUR ACADEMIC OFFER

DEGREES MASTERS

Facultad de Ciencias
Universidad Zaragoza

WE ARE JUST FINISHING OUR ADAPTATION TO EEES – EUROPEAN ACADEMIC FRAME

Espacio
Europeo
Educación
Superior



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WE ARE JUST FINISHING OUR ADAPTATION TO EEES – EUROPEAN ACADEMIC FRAME

- DEGREE IN BIOTECHNOLOGY
- DEGREE IN CHEMISTRY
- DEGREE IN GEOLOGY
- DEGREE IN MATHEMATHICS
- DEGREE IN OPTICS-OPTOMETRY
- DEGREE IN PHYSICS

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WE ARE JUST FINISHING OUR ADAPTATION TO EEES – EUROPEAN ACADEMIC FRAME – STILL ONGOING….

- MASTER IN MOLECULAR AND CELLULAR BIOLOGY
- MASTER IN CHEMISTRY RESEARCH
- MASTER IN GEOLOGY RESEARCH
- MASTER IN MATHEMATHICAL MODELLIZATION AND RESEARCH, STATISTICS AND COMPUTATION
- MASTER IN SUSTAINABLE CHEMISTRY
- MASTER IN PHYSICS AND PHYSICAL TECHNOLOGIES
- MASTER IN NANOSTRUCTURED MATERIALS AND NANOTECHNOLOGICAL APPLICATIONS
- MASTER ERASMUS MUNDUS ON MEMBRANES ENGINEERING

Facultad de Ciencias
Universidad Zaragoza

OUR GRADUATES AND MASTERS:

- HAVE A SOLID SCIENTIFIC FORMATION
- CAN ACCESS TO VERY DIFFERENT PROFESSIONAL PROFILES
- THEY NEED TO BE PREPARED FOR A LIFELONG LEARNING PROCESS
- THEY LACK FROM SOME KNOWLEDGE THAT INDUSTRY AND PROFESSIONAL PRACTICE ASK FOR AND IT IS DIFFICULT TO INCLUDE IN TRADITIONAL SUBJECTS

Facultad de Ciencias Universidad Zaragoza

ACTIVITIES OFFERED TO STUDENTS AND GRADUATES FOR THEIR CAREER DEVELOPMENT:

- Many possibilities for international mobility – added value for a graduate (including further development of foreign language skills)
- Recommends and eases practicum
- Offers courses of specific skills or specialized knowledge, complementary to academic activities
- Organizes debates and invited conferences bringing professionals to the University to tell real experiences in career development

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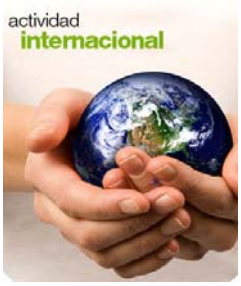
WE PARTICIPATE IN MANY MOBILITY PROGRAMS AT NATIONAL AND INTERNATIONAL LEVELS FOR ALL OF OUR STUDIES



- SICUÉ PROGRAM (national)
- ERASMUS (European)
- MOBILITY WITH IBEROAMERICA
- MOBILITY WITH NORTH-AMERICA, ASIA-PACIFIC

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WE PARTICIPATE IN MANY MOBILITY PROGRAMS AT NATIONAL AND INTERNATIONAL LEVELS FOR ALL OF OUR STUDIES – ERASMUS PROGRAM

- 23 agreements for PHYSICS
- 10 agreements for BIOCHEMISTRY-BIOTECHNOLOGY
- 18 agreements for GEOLOGY
- 18 agreements for MATHEMATICS
- 59 agreements for CHEMISTRY
- 2 agreements for OPTICS-OPTOMETRY

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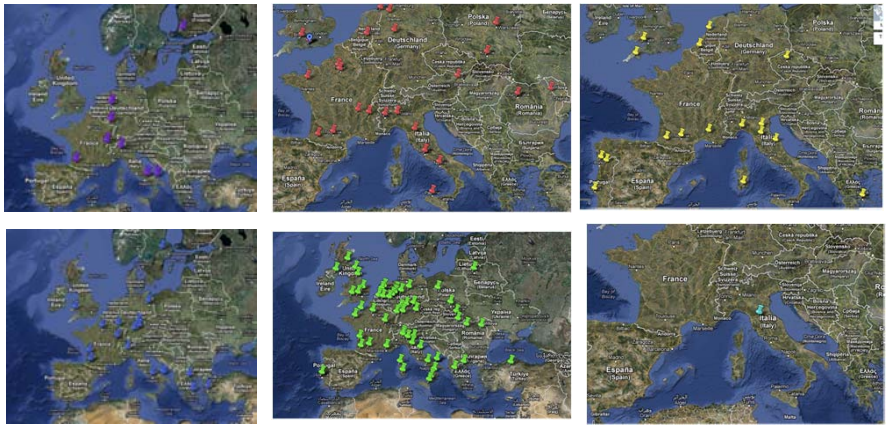

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Program UZ-IBEROAMÉRICA

a) Universidad Autónoma de Yucatán (Mérida, México): Matemáticas y Física

b) Universidad Simón Bolívar (México DF, México): Biotecnología y Química

c) Universidad Nacional del Sur (Bahía Blanca, Argentina): Geología, Química, Física, Matemáticas y Biotecnología

d) Universidad Católica del Norte (Antofagasta, Chile): Geología

e) Universidad de Sao Paulo (Sao Paulo, Brasil): Matemáticas

f) Universidad Nacional del Litoral (Santa Fe, Argentina): Bioquímica y Biotecnología

g) Universidad Nacional de Mar del Plata (Argentina): Bioquímica y Biotecnología

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Program UZ-NORTH-AMERICA, ASIA-PACIFIC

a) USA:

Centre College (Danville, Kentucky)

George Mason University (Fairfax, Virginia)

San Diego State University (San Diego, California)

Troy University (Troy, Alabama)

University of Oklahoma (Norman, Oklahoma)

University of Idaho (Moscow, Idaho)

b) Canadá:

Université du Québec à Montréal (Montréal, Québec)

c) Australia:

University of New South Wales (Sidney, New South Wales)

Australian National University (Canberra)

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PRACTICUM

UniVersa
Servicio de Orientación y Empleo
Universidad Zaragoza

Our degrees have optional practicum / stages (except the degree in optics – optometry where this activity has a mandatory character)

- We recommend the practicum as approach to the laboral market allowing to acquire LABORAL EXPERIENCE
- We allocate credits (ECTS) for the activity (from 3 to 18 ECTS depending on the study)

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PRACTICUM

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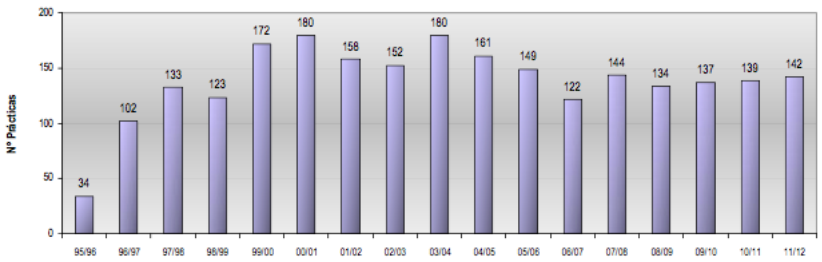
Evolución de las Prácticas de Estudiantes:



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PRACTICUM

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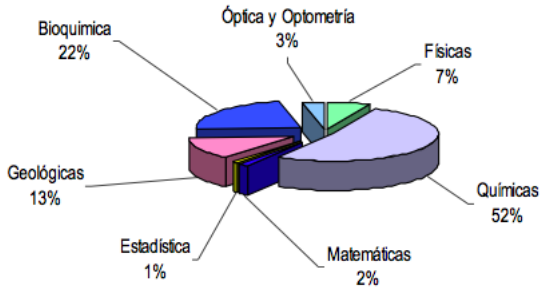

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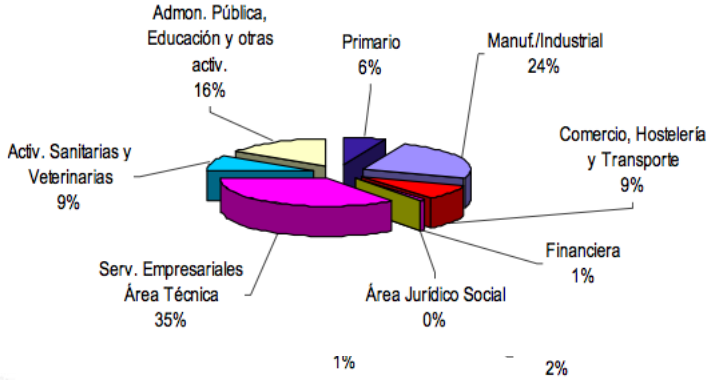
PRACTICUM

UniVersa
Servicio de Orientación

aragoza



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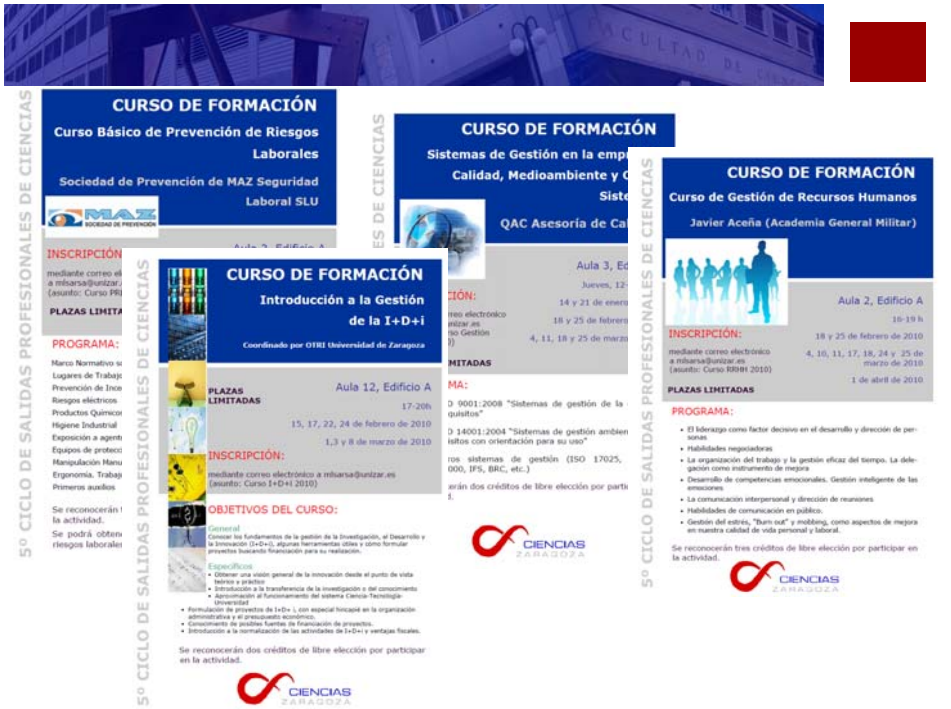

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Salidas profesionales para graduados en Óptica y Optometría
28 de mayo de 2012
Ponentes:
Javier Alda (Universidad Complutense de Madrid)
Luis Alonso (Centro de Baja Visión de la ONCE)
Arantxa Crespo (Clínica Baviera)
Marisol García (Centro Optométrico Internacional)
José Manuel Larrosa (Área de Oftalmología, UZ)
Carlos Serrano (Colegio Oficial de ópticos-optometristas de Aragón)
Modera: Jorge Ares (Dpto. de Física Aplicada)

Salidas profesionales para titulados en Bioquímica y
12 de abril de 2012
Ponentes:
Jorge Abad (Colegio Oficial de Biólogos de Aragón)
Ángel García de Jalón (Hospital Clínico "Miguel Servet"
Cristina Muñoz (Instituto Aragonés de Ciencias de la Sa
Pilar Madero (Centro de Análisis Genéticos)
Susana Palacián (Colegio Oficial de Químicos de Aragó
Pedro Razquin (ZEU-INMUNOTEC, S.L.)
Manuel Villacampa (OPERON, S.A.)
Modera: Alberto Anel (Dpto. de Bioquímica y Bio
Celular)

Mesa-debate sobre las salidas profesionales de los licenciados en Bioquímica y Graduados en Biotecnología

Salidas profesionales para licenciados en Química
10 de mayo de 2012
Ponentes:
Cristina Castro (The Varda Group)
Luis de Miguel (Instrumentación y Componentes)
Gustavo Gracia (FACI METALEST, S.L.)
Susana Palacián (Colegio Oficial de Químicos de Aragón y Navarra)
Marina Peleato (Sociedad de Prevención de MAZ Seguridad Laboral)
Ángel Rueda (Industrias Químicas del Ebro)

Salidas profesionales para licenciados en Física
22 de marzo de 2012
Ponentes:
Miguel Ángel Buñuel (BSH Electrodomésticos España, S.A.)
Ana Cezón (GMV)
Francisco López (FIBERCOM / Aragon Photonics)
Esther Millán (Hospital Clínico "Lozano Blesa")
Luis Uliaque (Inycom)
Alberto Virto (Colegio Oficial de Físicos de Aragón)
Modera: Jesús Subías Domingo (Dpto. de Física Aplicada).

Mesa-debate sobre las salidas profesionales de los licenciados y graduados en Física

io. de Ciencias de la Tierra)

s profesionales de los licenciados y graduados en Geología

WE KEEP UPDATED OUR WEBPAGE

http://ciencias.unizar.es/web/ofertasEmpleo.do

WE PUBLISH ONLINE JOB OFFERS (allowing RSS subscription)

http://ciencias.unizar.es/web/ofertasEmpleo.do

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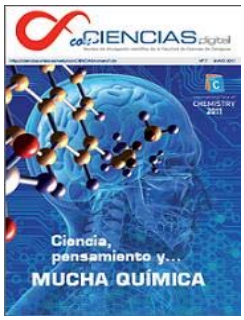
THE SCIENCES FACULTY ONLINE "JOURNAL": *con*CIENCIAS

http://ciencias.unizar.es/web/conCIENCIAS.do



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