

Eleventh Notice and Call for Grants Applications for Trainee Research Staff at the Universitat Autònoma de Barcelona for the 2013-2014 Academic Year

Agreement of the Academic Staff Commission of 18 March 2013

1. Object

The objective of this notice is to select pre-doctoral trainee research staff, in relation to the application of the general lines of the new academic career structure of the Universitat Autònoma de Barcelona (Agreement 57/2006, of December 20, of the Governing Council). The grants awarded are subject to the area of application in Law 14/2011, of June 01, for science, technology and innovation. The beneficiaries of these grants will be incorporated in doctoral programmes offered by the UAB, for the purpose of writing their doctoral theses, which should then be presented within the grant period or within the six months following the end of the grant period.

2. Application requirements

- 2.1. Participation in this notice requires candidates to accredit that they hold a university qualification, EHEA university qualification of at least 300 ECTS credits, or a university-awarded MA or equivalent, or be able to accredit this at the time of signing the contract.
- 2.2. Candidates cannot already hold a doctoral degree.
- 2.3. Before the grant award process can be finalised, the beneficiaries must have registered in a doctorate programme at the UAB through the academic management office of the corresponding faculty or school.

3. Structure of the grant awards

- 3.1. The grant beneficiary must sign a pre-doctoral employment work and services contract as regulated by Law 14/2011, of June 01, for science, technology and innovation (article 21). The contract is one year, renewable for periods up to two annual renewals, with the previously written favourable reports of the department and academic committee of the doctoral programme or, if applicable, of the Doctorate School. In no case shall the cumulative length of the initial contract plus extensions exceed three years, except where contemplated by article 21 c) Law 14/2011, of June 01, for science, technology and innovation, in reference to disabled persons, for whom a maximum period of six years is contemplated.
- 3.2. In order to formalise the contract, applicants who do not belong to one of the EU Member States should previously request a waiver for work-permit requirements.
- 3.3. Obtention of a doctoral degree terminates the training period for trainee research staff. If the doctoral degree is obtained within the awarded grant period, this grant will continue to be paid until completing the current annuity (i.e., the annuity corresponding to the period in which the doctoral degree was obtained), but payment shall not continue to the next annuity.
- 3.4. Having received a pre-doctoral research grant does not determine the nature of the University's commitment to future incorporation of the beneficiary into the University staff.

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4. Period and duration of the grant

- 4.1. The grant period is for a maximum of 36 months from the start of the contract except where contemplated by article 21 c) Law 14/2011, of June 01, for science, technology and innovation, in reference to disabled persons, for whom a maximum period of six years is contemplated. In order to receive the grant, dedication to the doctorate must be full-time. Changing from a full-time to a part-time doctorate will result in the withdrawal of trainee research-staff status. Grants may be renewed for periods of 12 months up to a maximum of two renewals, on presentation of favourable reports from the director of the department and academic committee of the doctoral programme or, if applicable, of the Doctorate School throughout the period of pertaining to the programme. Renewal depends on a successful annual report.
- 4.2. The reports must be sent to the Vice Rector for Academic Staff and Planning two months before the end of each annual period in order to extend the grant or withdraw it, should the reports not be favourable. In the event of unfavourable reports, these will have to be justified, and must include—in a sufficiently detailed manner—the facts and bases supporting the withdrawal of the grant.
- 4.3. Periods during which the grant holder is in receipt of other grants of which are similar in terms of objectives, quality and nature will be discounted from the maximum grant period.

5. Deadline and presentation of applications

- 5.1. Each applicant must complete a single application form. If applicants are interested in more than one of the profiles offered in **annexe II**, they can apply for up to four profiles, indicating the order of preference for each of the profiles in the corresponding section (e.g. 1 = maximum preference, 4 = minimum preference).
- 5.2. The period for presenting applications is **22 March to 16 April 2013**.
- 5.3. Once the application forms and the supporting documentation have been checked, the results of applications with documents requiring amendment will be published during the second fortnight of **May 2013** on the university website: www.uab.cat, and the cause of rejection or the needs to amend the application will be outlined. The publication of the abovementioned list will serve as notification to applicants so that within 10 days of publication they can make any necessary amendments, on the understanding that failure to do so will result in the application being rejected, according to the previous decision dictated in accordance with the provisions of articles 71.1 and 42.1 of Law 30/1991 of 26 November, on the legal regime for public administrations and common public administrative procedure. The list of successful and unsuccessful applicants, according to the decisions of the departments, will be published at www.uab.cat during the first fortnight in June 2013.

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- 5.4. In order to complete the application, all fields on the form should be filled in and it should be sent in electronic format along with the following documents:
- 5.4.1. Copy of DNI or equivalent identification document for citizens of the EU and valid Passport for citizens of non-EU countries.
 - 5.4.2. Curriculum vitae.
 - 5.4.3. Certificate of the academic transcript for the degree qualification to be considered.
 - 5.4.4. Copy of official degree certificate (or the applicant must be able to accredit this at the time of signing the contract).
 - 5.4.5. Certificate of the academic record for the Master's degree and where appropriate the complementary training courses that give the candidate access to official doctoral studies.
 - 5.4.6. Where required, a copy of the official academic certificate from point 5.4.5 that give the candidate access to official doctoral studies (or the corresponding accreditation at the time of signing the contract).
- 5.5. Applicants who have completed part or all of their studies abroad, and whose academic documents and certificate are therefore in a language other than Spanish, English, French, Italian or Portuguese should attach the corresponding sworn translation.
- 5.6. In the case of studies completed partially or totally abroad, the academic certificate should contain the list of subjects and credits obtained that constitute the degree course or equivalent, along with the maximum and minimum qualifications in the assessment system as well as the minimum pass grade.

6. Areas responsible for management

The areas that will be responsible for management of the grants are the Area for Research Management and the Trainee Academic and Research Staff Administration Office and the departments offering grants within this call for Applications.

7. Decision-making body

The decision-making body is the Academic Staff Commission of the Universitat Autònoma de Barcelona, which considers the decisions proposed by the departments involved in the notice before making its own decision.

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8. Decision period and publication of results

The Academic Staff Committee will release its decision for a provisional list of selected candidates and a waiting list published at www.uab.cat during the first fortnight of **July 2013**. The final list of selected candidates and the waiting list will be published on the aforementioned website during the second fortnight of **July 2013**. Those who have been selected will also be informed by e-mail at the address indicated on their application forms.

9. Acceptance of the grant

- 9.1. Once the final list has been published, candidates who have been selected in order of preference will receive notification of the grant award together with the acceptance or refusal document of the at their e-mail address.
- 9.2. The beneficiary must return the signed acceptance document to ad.personal.pif@uab.cat, within a maximum of **6** calendar days from the day after the communication of the grant award.
- 9.3. In order to be registered as a grant holder, the selected applicant must have formalised the registration process for the official Masters programme 2013-2014 or the Doctorate programme to which they have been offered a place at the time of notification of the grant award. Acceptance of the grant also implies a commitment to comply with all the general conditions for trainee research staff that derive from this call and to understand and comply with the specific rules of the UAB and the measures for labour risk prevention.
- 9.4. If the selected applicant does not formalise either their acceptance or the refusal document within the stated period, it will be taken as understood that they thereby give up the grant and that this same grant can then be awarded to another person on the waiting list.

10. Substitutions

- 10.1. Any vacancies produced among the trainee research staff as a result of rejection of grants or other reasons may be covered by candidates from the reserve list, within a maximum of three months from the date of incorporation of the person who has caused the vacancy. If the date when the vacancy occurs is outside this period, the place will remain vacant until the following call for applications.
- 10.2. Those who obtain the position of grant holder as a result of withdrawal by a selected candidate will also have financial support for 36 months from the date of their incorporation.

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11. Formalising of the pre-doctoral contract

11.1. The forecast date of incorporation **for profiles corresponding to the annexe** is between **15 September and 15 October 2013**. In order to finalise the grant award procedure, the beneficiary should present the following documents to the Trainee Teaching and Research Staff Office (Rectorat building, underground floor), a minimum of 15 working days before their incorporation

11.1.1. Copy of DNI or equivalent identification document for EU citizens.

11.1.2. Copy of valid passport and NIE, as well as the official waiver for work-permit requirements (all these documents must be current and valid) for non-EU citizens.

11.1.3. Copy of the registration document for a doctoral degree in the 2013-2014 academic year.

11.1.4. An attested copy of the university qualification, EHEA university qualification of at least 300 ECTS credits, or a university-awarded MA or equivalent. Qualifications obtained in non-EU countries must be legalised via diplomatic channels.

11.1.5. Photocopy of Social Security number.

11.1.5.1. If the person holds Spanish nationality, but has never signed up to the Spanish social security system, they should go to any office of the *Tesoreria de la Seguridad Social* with their DNI to request this number.

11.1.5.2. If the person belongs to a member state of the EU, they should go with their community residency card (if they do not have this, they should go previously to the local police station to obtain one) to any office of the *Tesoreria de la Seguridad Social* with their DNI to request this number.

11.1.5.3. For grant awardees who do not belong to one of the EU member states, the UAB will make the application for a social security number on their behalf.

11.1.6. Bank details.

11.1.7. Two passport-sized photographs.

11.2. Trainee staff may be incorporated as long as the documents indicated in Article 11 have been presented, which is essential to take up the post of grant holder. The date of incorporation will be communicated to the director of the corresponding department.

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12. Economic concepts related to the grant

- 12.1. The total annual amount of the grant is €14391.63 gross, payable in 12 monthly instalments that include the pro-rated bonus payments. Payment will be made directly to the beneficiary each month in arrears, and all deductions will be applied in accordance with current legislation.
- 12.2. Grants additionally include the cost of public registration fees for official doctorate programmes and supervision of the thesis. For those appointed pre-doctoral trainee research staff in this grant award process, the point of reference is the academic year 2013-2014. Under no circumstances shall the costs of the academic administrative fees be met during the period of the pre-doctoral contract. The cost of managing the academic transcript is not covered and neither is the cost of registration on doctoral programmes and supervision of the thesis from other universities.

13. Rights of pre-doctoral trainee research staff

Pre-doctoral trainee research staff has the following rights:

- 13.1. To receive the financial support corresponding to the contract as established in Article 12 of this notice.
- 13.2. To obtain the necessary collaboration and support from the university to carry out their studies and research, within the capacity of the department they are ascribed to.
- 13.3. To hold the intellectual and industrial copyrights derived from their research, in accordance with their contribution and with current legislation.
- 13.4. To use the services offered by the UAB and to participate in its activities in accordance with internal university regulations.
- 13.5. To enjoy all rights and social benefits available to the academic staff of the UAB.
- 13.6. To apply for other complementary grants for brief trips away from Catalonia in order to complete their training in relation to the research project they are undertaking, accompanying their application with the approval of the thesis supervisor.

14. Obligations of pre-doctoral trainee research staff

Pre-doctoral trainee research staff has the following obligations:

- 14.1. To join the department and carry out the activities included in their doctoral or research training programme, fulfil the objectives of their training programme, and at the appropriate time, the directives established by the thesis supervisor.

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- 14.2. To comply with the university's internal regulations.
- 14.3. To contribute to the teaching programme in accordance with the stipulations of Article 16.
- 14.4. To present to the Area of Academic Staff, Trainee Researchers and Research Support, within a month of the end of the grant, whatever the reason for this, a report written on the appropriate form, on all the tasks undertaken during the whole contract period, confirming the achievement of the grant's objectives. In the event that the person contracted should present their doctoral thesis within the duration of this current grant, the report indicated in 14.4 shall not be necessary.
- 14.5. To state their attachment to the corresponding department of the Universitat Autònoma de Barcelona in any publicity or publication, following the recommendations that appear in **Annexe I**. Failure to comply with this section could mean the withdrawal of the grant. Attachment to the UAB should always be made explicit if the publication has been produced within the period of the pre-doctoral contract.
- 14.6. To include their details in the EIN@ application of the UAB for curricular updates.
- 14.7. To request authorisation from the Vice-Rector's Office for Academic Staff and Planning for any change or measure that affects the grant.
- 14.8. To present to the Area of Academic Staff, Trainee Researchers and Research Support any renouncement of the grant in a written letter to the Vice-Rector's Office for Academic Staff and Planning at least 15 days before the date of the renouncement.
- 14.9. Inform the Area of Academic Staff, Trainee Researchers and Research Support when a date is set for presenting the thesis.
- 14.10. To provide any information requested and cooperate with any actions of verification or control that the UAB may require.
- 14.11. Citizens of non-EU states must obtain a waiver for the work permit in order to be contracted.
- 14.12. To ensure that the thesis supervisor is associated with the UAB by any of the means stipulated in its Statutes, and that the thesis is written and presented at the UAB.
- 14.13. Knowledge of the official languages of the UAB, in accordance with current regulations.
- 14.14. When a pre-doctoral trainee researcher requires a period of absence from their place of work, the corresponding permission must be applied for from the Vice-Rector's Office for Academic Staff and Planning, and must be previously

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authorised by the departmental director and, if necessary, by the thesis supervisor.

15. Obligations of the University

The University has the following obligations:

- 15.1. To execute the contracts for pre-doctoral trainee research staff in accordance with current applicable legislation.
- 15.2. To provide trainee research staff with the necessary support and offer access to the means, instruments or equipment necessary to carry out their work in normal conditions.
- 15.3. To ensure the proper development of the research staff training programme.
- 15.4. To ensure that no incompatibilities are incurred.
- 15.5. To ensure compliance with all other obligations that may be contemplated by Law 14/2011 and by other current legislation.

16. Participation in teaching activities

- 16.1. Acceptance of the grant automatically implies the trainee researcher's participation in a teaching programme, for educational purposes, of up to 180 hours over the three years, which in no case shall exceed 60 hours per year. The specific distribution of these 180 hours shall be agreed mutually between the grant holder and the department they are ascribed to and shall at all times respect the fact that teaching participation in the first year must primarily be concentrated in the second semester and will not be of a heterogeneous nature.
- 16.2. This teaching collaboration will not, in any case, mean responsibility on the part of the trainee researcher for the subject or its programming.
- 16.3. This teaching must be certified by the departments involved, for curriculum purposes.

17. Incompatibilities of the grant

- 17.1. The position of trainee researcher under the terms of this programme is not compatible with any contractual or statutory relations that may reduce the exclusivity of dedication to research.
- 17.2. Payments can be authorised in relation to teaching activities (courses, conferences or lectures) or research activities (books or articles) that are directly associated to the research being carried out by the trainee research staff, as long as this is occasional and not regular.

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- 17.3. Payment for such activities must be authorised by the Vice-Rector's Office for Academic Staff and Planning.
- 17.4. Financial support for attendance at congresses, meetings and seminars or for brief periods away from the university or temporary transfers, payable by public or private, national or foreign organisations, may be authorised as long as they are related to the research.
- 17.5. In the case of unforeseen incompatibility, the University has to withdraw the grant.

18. Contract Interruptions. In order to facilitate completion of a doctoral thesis within the necessary time:

- 18.1. In the event of absence for reasons of maternity/paternity, adoption or permanent or pre-adoption fostering of children of less than six years of age, the contract shall be suspended for the corresponding period, and, in consequence, shall then be extended for the same period. During this period of absence, 100% of the pre-doctoral contract payments will be maintained.
- 18.2. In the event of employment disability for reasons of illness or through a work-related accident, of 30 days or more, the duration of the contact may be extended for the period of absence, always providing that the budget allows this. During this period, those legally corresponding payments will be maintained.
- 18.3. Temporary suspension for reasons of maternity or paternity leave must be communicated and accredited with the Area of Academic Staff, Trainee Researchers and Research Support of the UAB. Beneficiaries must make the appropriate arrangement according to Social Security rules.
- 18.4. Reincorporation after absence for maternity/paternity, adoption or permanent or pre-adoption fostering of children of less than six years of age, or following employment disability for reasons of illness or through a work-related accident must be communicated at least 15 days before the date of return. Failure to reincorporate at the end of the period of interruption shall be considered as a withdrawal from the contract and will automatically terminate the agreement.
- 18.5. In accordance with current regulations, the pre-doctoral contract shall be extended for the same duration as the period for which it has been suspended for reasons indicated in 18.4.

19. Infringements and non-compliance

- 19.1. Total or partial non-compliance with the requirements and obligations established in this call for applications or other applicable rules will lead to the opening of a file detailing the non-compliance, a decision about which will be taken following a meeting with the interested party, and may lead to the

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application of the corresponding disciplinary code, in accordance with current employment legislation.

19.2. Infringements that may result in the application of the disciplinary code indicated in section 19.1—in addition to other obligations pertaining to this call—are the following:

19.2.1. Total and manifest non-compliance of the teacher- training and academic objectives for which the grant has been awarded, determined through mechanisms of scientific and technical monitoring and control.

19.2.2. Any non-authorized modifications to the initial conditions of the grant and non-compliance with the partial objectives.

19.2.3. Non-communication of activities that are incompatible.

19.2.4. Non-presentation of the necessary monitoring reports and additional documentation (course registration documents for each year), as stated as a previous requirement by the UAB.

19.2.5. Failure to declare previous receipt of any other kind of financial support or similar grants or the falsification of declared information.

20. Evaluation and selection criteria

20.1. The departments will evaluate the merits of each candidate based on the academic transcript and curriculum vitae they have presented (completed Masters degrees, professional, experience, research, publications, papers, conferences, knowledge of languages etc.) and once this evaluation has been made for each applicant, and in line with their profiles and needs each department will produce a rank-ordered list of candidates.

20.2. The departments will then take this list and draw up a proposal, which will be sent to the Academic Staff Commission for approval.

21. Objections and Contentions

21.1. Interested parties may present any objections they consider opportune to beques.agr@uab.es within a period of ten calendar days, counted from the day after the publication of the provisional and final lists of admissions, respectively.

21.2. Within a period of one month interested parties may present to the Rector a motion to appeal against decisions adopted in response to the aforementioned objections.

21.3. In accordance with the stipulations of article 111 of Spanish Law 30/1992, of 26 December, pertaining to the legal system for public administrations and common administrative procedure, the presentation of an appeal against the agreements

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and resolutions of the competent bodies does not imply any obligatory suspension of the execution of the actions against which the appeal is being made.

22. Data protection

The details provided by candidates will be included in a file owned by the Universitat Autònoma de Barcelona for the purpose of managing the grant application and award process. In accordance with the provisions of Organic Law 15/1999, of 13 December, for the protection of personal data, those who wish may exercise their right, before the General Secretariat of the Universitat Autònoma de Barcelona, to access, rectify or cancel their details

23. Applicable Regulations

Applicable regulations are the provisions of Law 14/2011, of June 01, for science, technology and innovation, and Spanish Royal Decree 63/2006, of January 27, approving the Statute for Trainee Research Staff in all matters not expressly regulated in this notice and call.

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ANNEXE I

Recommendations for regularisation of signatures and particulars of UAB trainee researchers.

We have revised the recommendations of the FECYT and we have compared them with the way in which these particulars are reviewed in the two most outstanding current bibliographical data bases for scientific literature, Scopus and Wok.

In all cases the recommendation to review all centres to which the researcher belongs is stressed so that they can be included correctly in the bibliometric indicators, impact factors, rankings etc. The difference lies in the recommendation of how to do so.

Once the two formulas (FECYT and Scopus/Web of Knowledge) have been seen we believe the easiest way and that which avoids any mistakes in the interpretation is to use the bibliographical data bases. In other words, to put as many call-outs beside the name of the author as beside the centres or institutions to which they are attached so that they can be identified as different centres.

We have also revised the PubMed (MedLine) as a reference data base for the medical field, but in this case only the contact address is reviewed and not the particulars of the different authors.

On the other hand, in addition to any recommendations, each journal has its own style guide and so the final review will depend on the indications received by the author at the time of presenting the article for publication.

Recommendations:

FECYT: http://www.accesowok.fecyt.es/wp-content/uploads/2009/06/normalizacion_nombre_autor.pdf

The recommendation of the FECYT for the correct designation of the workplace in order to make the centres and institutions more visible and ensure reliability of, among other things, the bibliometric indicators, impact factors and rankings are as follows:

1. Authors must always include their particulars.
2. The particulars should appear in the following order: Group name (where appropriate) or department, centre or institute name (complete name in original language), institution on which it depends, postal address, city and country.

ANNEX / ANEXO / ANNEX II

Departament/Departamento/Department	Perfil / Profile of the position	Núm. places / Numero plazas / Number of position	Referència / Referencia / Reference
Arquitectura de Computadors i Sistemes Operatius Arquitectura de Computadores y Sistemas Operativos Computer Architecture and Operating Systems	Computació d'altres prestacions High performance computing Computación de altas prestaciones	7	469-01-7/2013
Biologia Animal, Biologia Vegetal i Ecologia Biología Animal, Biología Vegetal i Ecología Animal Biology, Plant Biology and Ecology	Fisiologia Vegetal Fisiología Vegetal Plant Physiology	1	407-01-1/2013
Biologia Animal, Biologia Vegetal i Ecologia Biología Animal, Biología Vegetal i Ecología Animal Biology, Plant Biology and Ecology	Botànica Botánica Botany	1	407-02-1/2013
Biologia Cel.lular, Fisiologia i Immunologia Biología Celular, Fisiología e Immunología Cellular Biology, Physiology and Immunology	Genètica Humana i Biologia cel.lular Genética Humana y Biología Celular Human genetics and Cell Biology	2	456-01-2/2013
Biologia Cel.lular, Fisiologia i Immunologia Biología Celular, Fisiología e Immunología Cellular Biology, Physiology and Immunology	Immunologia Immunología Immunology	1	456-02-1/2013
Biologia Cel.lular, Fisiologia i Immunologia Biología Celular, Fisiología e Immunología Cellular Biology, Physiology and Immunology	Fisiologia Animal Fisiología Animal Animal Physiology	2	456-03-2/2013
Biologia Cel.lular, Fisiologia i Immunologia Biología Celular, Fisiología e Immunología Cellular Biology, Physiology and Immunology	Biologia cel.lular Biología celular Cells Biology	2	456-04-2/2013
Bioquímica i Biologia Molecular Bioquímica y Biología Molecular Biochemistry and Molecular Biology	Bioquímica i Biologia Molecular. Veterinaria Bioquímica y Biología Molecular. Veterinaria Biochemistry and Molecular Biology. Veterinary Medicine	1	406-01-1/2013
Bioquímica i Biologia Molecular Bioquímica y Biología Molecular Biochemistry and Molecular Biology	Bioquímica i Biologia Molecular. Biociències Bioquímica y Biología Molecular. Biociencias Biochemistry and Molecular Biology. Biosciences	2	406-02-02/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Large scale image understanding Visió per Computador - Interpretació d'imatges a gran escala Visión por computador-Interpretación de imágenes a gran escala	1	471-01-1/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Human action recognition in big data Visió per Computador - Reconeixement d'accions humanes en grans conjunts de dades Visión por computador - Reconocimiento de acciones humanas en grandes conjuntos de datos	1	471-02-1/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Document Analysis Visió per Computador - Anàlisi de documents	2	471-03-2/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Information retrieval Visió per Computador - Recuperació d'informació	1	471-04-1/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Computational modelling of the visual cortex Visió per Computador - Modelatge computacional del còrtex visual	1	471-05-1/2013
Ciències de la Computació Ciencias de la Computación Computer Sciences	Computer Vision - Colour in context Visió per Computador - Color en contexte	1	471-06-1/2013
Ciència Política i Dret Públic Ciencia Política y Derecho Público Political Science and Public Law	Ciència Política i de l'Administració Ciencia Política i de la Administración Political Science and Administration	1	433-01-1/2013
Comunicació Audiovisual i Publicitat Comunicación Audiovisual y Publicidad Audiovisual Communication and Advertising	Comunicació Audiovisual i Publicitat Audiovisual Comunicación Audiovisual y Publicidad Audiovisual Communication and Advertising	1	484-01-1/2013
Didàctica de l'Expressió Musical, Plàstica i Corporal Didáctica de la Expresión Musical, Plástica i Corporal Department of Teaching of Musical, Artistic and Corporal	Educació Corporal a Infantil i Primària Educación Corporal en Infantil y Primaria Physical Education Didactics	1	421-01-1/2013
Didàctica de l'Expressió Musical, Plàstica i Corporal Didáctica de la Expresión Musical, Plástica i Corporal Department of Teaching of Musical, Artistic and Corporal Expression	Didàctica de la Música Didáctica de la Música Music Didactics	1	421-02-1/2013
Economia i Història Econòmica Economía e Historia Económica Economics and Economic History	Fonaments de l'Anàlisi Econòmica Fundamentos del Análisi Económico Economic Analysis.	4	412-01-4/2013

Enginyeria de la Informació i de les Comunicacions Ingeniería de la Información y de las Comunicaciones Information and Communications Engineering	Codificació, compressió i seguretat. Coding, compression and security. Codificación, comprensión y seguridad	3	472-01-3/2013
Enginyeria Electrònica Ingeniería Electrónica Electronics Engineering	Enginyeria Electrònica Ingeniería Electrónica Electronics Engineering	2	463-01-2/2013
Enginyeria Química Ingeniería Química Chemical Engineering	Enginyeria Química, Ambientals o Biotecnologia. Ingeniería Química, Ambiental o Biotecnología Chemical Engineering, Environmental or Biotechnology	3	447-01-3/2013
Filologia Catalana Filología Catalana Catalan	Filologia Catalana Filología Catalana Catalan Philology	1	427-01-1/2013
Filologia Francesa i Romànica Filología Francesa y Románica French and Romance Languages	Llengua francesa i lingüística aplicada Lengua francesa y lingüística aplicada French language and applied linguistics	1	430-01-1/2013
Filosofia Filosofía Philosophy	Filosofia Filosofía Philosophy	1	436-01-1/2013
Genètica i Microbiologia Genética y Microbiología Genetics and Microbiology	Microbiologia Molecular Microbiología Molecular Microbiology	1	409-01-1/2013
Genètica i Microbiologia Genética y Microbiología Genetics and Microbiology	Microbiologia Aplicada. Anàlisi genètica i molecular de determinants de virulència i de resistència a antimicrobians. Microbiología Aplicada. Análisis Genética i molecular de determinantes de virulencia i de resistencia a antimicrobianos Applied Microbiology. Genetic and molecular analysis of virulence and antimicrobial resistance determinants.	2	409-02-2/2013
Genètica i Microbiologia Genética y Microbiología Genetics and Microbiology	Mutagènesi Mutagenesis Mutagenesis	1	409-03-1/2013
Genètica i Microbiologia Genética y Microbiología Genetics and Microbiology	Microbiologia Ambiental Microbiología Ambiental Environmental Microbiology	1	409-04-1/2013
Genètica i Microbiologia Genética y Microbiología Genetics and Microbiology	Inestabilitat genòmica i reparació del DNA Inestabilidad Genómica y reparación del DNA Genomic instability and DNA repair	1	409-05-1/2013
Geologia Geología Geology	Sedimentologia clàstica aplicada a la prospecció d'hidrocarburs Sedimentología clástica aplicada a la prospección de hidrocarburos Clastic sedimentology applied to hydrocarbon exploration	1	405-01-1/2013
Matemàtiques Matemáticas Mathematics	Matemàtiques Matemáticas Mathematics	3	402-01-3/2013
Microelectrònica i Sistemes Electrònics Microelectrónica y Sistemas Electrónicos Microelectronics and Electronic Systems	Acceleració d'algorismes tipus filtres de Kalman, filtres de partícules, etc. per a posicionament i SLAM mitjançant FPGAs. Acceleración de algoritmos tipo filtros de Kalman, filtros de partículas, etc. para posicionamento y SLAM mediante FPGAs. Kalman filters, particle filters, etc. algorithm acceleration for positioning and SLAM by using FPGAs.	1	470-01-1/2013
Microelectrònica i Sistemes Electrònics Microelectrónica y Sistemas Electrónicos Microelectronics and Electronic Systems	Control de sistemes de transport amb agents encastats i distribuïts. Control de sistemas de transporte con agentes encastados y distribuidos. Transport systems' control with embedded, distributed agents.	1	470-02-1/2013
Microelectrònica i Sistemes Electrònics Microelectrónica y Sistemas Electrónicos Microelectronics and Electronic Systems	Desenvolupament d'una nova generació de cel·les genèriques i circuits per a tecnologies electròniques printed: Noves estructures funcionals i / o sensors de gran àrea / displays utilitzant eines EDA adaptades de l'àmbit de la microelectrònica de silici. Desarrollo de una nueva generación de celdas genéricas y circuitos para tecnologías electrónicas printed: Nuevas estructuras funcionales y/ o sensores de gran área / displays utilizando herramientas EDA adaptadas del ámbito de la microelectrónica de silicio. Development of a new generation of generic cells and circuits for printed electronics technologies: Novel functional structures and / or large area sensors / displays using EDA tools adapted from the silicon microelectronics domain.	1	470-03-1/2013
Química Chemistry	Química Analítica Química Analítica Analytical Chemistry	1	403-01-1/2013

Química Chemistry	Química Física Química Física Physical Chemistry	2	403-02-2/2013
Química Chemistry	Química Inorgànica Química Inorgànica Inorganic Chemistry	4	403-03-4/2013
Química Chemistry	Química Orgànica Química Orgànica Organic Chemistry	1	403-04-1/2013
Telecomunicació i Enginyeria de Sistemes Telecomunicaciones e Ingeniería de Sistemas Telecommunications and Systems Engineering	Telecomunicació/Enginyeria de Sistemes/Logística i Aeronàutica Telecomunicación/Ingeniería de Sistemas/Logística y Aeronáutica Telecommunication/Systems Engineering/Logistics and Aeronautics	4	461-01-4/2013