



**RESOLUTION OF THE RECTOR OF THE UNIVERSITY OF MURCIA R-803/2024 OF JUNE 26, WHICH APPROVES THE REGULATORY BASIS AND THE CALL FOR PRE-DOCTORAL CONTRACTS OF THE RESEARCH PROMOTION PLAN OF THE UNIVERSITY OF MURCIA FOR 2025.**

Through this resolution, the University of Murcia publicly announces the call for 20 pre-doctoral contracts for the year 2025, in accordance with the objectives assigned to it by Organic Law 2/2023 of March 22 on the University System and in accordance with the legal regime established by Law 14/2011 of June 1 on Science, Technology and Innovation, as modified by Law 17/2022 of September 5.

The call for pre-doctoral contracts for the fiscal year 2025 constitutes one of the actions provided for in the Research Promotion Plan of the University of Murcia and contributes to the advancement of public research activity, complementing similar calls carried out by the General State Administration and by the Autonomous Community of the Region of Murcia through their respective competent bodies and entities. Among its objectives is the promotion of gender equality in the respective branches of knowledge in the field of research at our University.

This call incorporates adaptations to the University of Murcia of two significant processes promoted by the European Commission in the context of the European Research Area:

- Human Resources Strategy for Researchers" (HRS4R). The University of Murcia adhered to the principles described in the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers in 2018 and is currently working on defining the HRS4R strategy in order to highlight the institution's commitment to promoting and improving recruitment, working conditions, and research careers.
- Agreement for Research Assessment Reform. In 2022, the University of Murcia signed this agreement and joined as a member of the Coalition for Advancing Research Assessment (CoARA), committing to include a series of adjustments in its research assessment systems to maximize the quality and impact of research.

The present call for applications is considered as an expense file of anticipated processing under the Order of December 15, 1997 of the Department of Economy and Finance of the Autonomous Community of the Region of Murcia, and its resolution will be conditioned to the existence of adequate and sufficient credit in the Budget of this University for the fiscal year 2025 and subsequent years.

The procedure followed up to the issuance of this resolution has complied with the required procedures. In particular, it is based on the proposal of criteria made by the Research Commission in a session held on June 10, 2024, in accordance with the functions assigned to it by Article 112 of the Statutes of the University of Murcia, and which were favorably reported by the Governing Council of the University of Murcia in a session held on June 21, 2024.

By virtue thereof, I RESOLVE



Approve the regulatory bases and make public the present call for pre-doctoral contracts included in the Research Promotion Plan of the University of Murcia for 2024.

This resolution will be effective from the day of its full publication in the Boletín Oficial de la Región de Murcia (BORM) and will be governed by the following rules.

Publish this resolution in the BORM and on the Official Board of the University of Murcia (TOUM), making known to interested parties that, in accordance with the provisions of Chapter II of Title V of Law 39/2015, of October 1, on the Common Administrative Procedure of Public Administrations, in Article 46 and concordant of Law 29/1998, of July 13, regulating the Contentious-Administrative Jurisdiction and in Article 20 of the Statutes of the University of Murcia, approved by Decree 85/2004, of August 27, 2004, they may file an appeal for reversal before the Rector of the University of Murcia, within a period of one month, or, directly, a contentious-administrative appeal before the Contentious-Administrative Court of Murcia, within a period of two months, in both cases, from the day following the day of notification or publication and without prejudice to the possibility of filing any other appeal that may be appropriate to their rights.

A contentious-administrative appeal may not be filed until it has been expressly resolved or until the appeal for reconsideration, if any, has been presumptively dismissed.

The Rector; José Luján Alcaraz.



## REGULATORY BASIS

### I. PURPOSE AND GENERAL RULES. CONTRACTING AUTHORITY.

1. Twenty (20) pre-doctoral contracts are announced, whose legal regime will be as established in Article 21 of Law 14/2011, of June 1, amended by Law 17/2022, of September 5, and in the concordant provisions of the legal system.
2. The call is governed by the specific rules contained in this resolution and its corresponding bases, as well as by the provisions established in the following: Organic Law 2/2023, of 22nd March, University System.
  - Organic Law 2/2023, of March 22, on the University System.
  - Law 14/2011 of 1<sup>st</sup> June, on Science, Technology and Innovation, amended by Law 17/2022 of 5<sup>th</sup> September.
  - Law 39/2015 of 1<sup>st</sup> October, on the Common Administrative Procedure applicable to the Public Administration.
  - Law 40/2015 of 1<sup>st</sup> October, on the Legal Regime of the Public Sector.
  - Royal Decree 103/2019 of 1<sup>st</sup> March, approving the Statutes of Pre- Doctoral Research Staff in Training.
  - Statutes of the University of Murcia approved by Decree 85/2004 of 27<sup>th</sup> August, by the Regional Government of the Autonomous Community of the Region of Murcia.
  - II Collective Labour Agreement for Teaching and Research Personnel, Labour Contracting by Public Universities in the Region of Murcia of 1<sup>st</sup> January 2016.
  - Instructions on the Economic - Budgetary Regime of the University of Murcia, approved by agreement of the Board of Governors on 17<sup>th</sup> December 2019.
3. The contracting authority is the Rector of the University of Murcia, without prejudice to the delegations of competences and concurrent signatures in favor of the Vice-Rector for Research, the functions of the Research Area, and the Human Resources and General Services Area of the University of Murcia, and the role assigned to the contracting committee during the selection process, as detailed in the thirteenth base.



## II. ELIGIBILITY REQUIREMENTS FOR THE SELECTION PROCESS.

1. In order to be eligible for the selection process, interested persons must meet the following requirements:

- a) Be a Spanish national, a national of a Member State of the European Union, or a national of a State party to an international treaty with the European Union, duly ratified by Spain concerning the free movement of workers under the terms established in the Treaties of the European Union

Persons of any nationality, who are spouses of Spanish nationals or spouses of nationals of other Member States of the European Union, may also participate, provided they are not legally separated, as well as their descendants and those of their spouses, provided they are not legally separated, are under twenty-one years of age, or over that age if they are dependent persons

Foreigners not included in the preceding paragraphs may also participate if they are legally residing in Spain and hold documents permitting legal residence in Spain and unrestricted access to the job market, or if they are not in Spain but are in a situation enabling them to obtain such documents.

In all cases, the provisions of Organic Law 4/2000 of January 11, on the rights and freedoms of foreigners in Spain and their social integration, and Royal Decree 557/2011 of April 20, approving the regulations governing the said Royal Decree, shall apply.

- b) Be at least sixteen years of age, without exceeding the maximum compulsory retirement age.
- c) Possess the functional capability to perform the tasks required.
- d) Have an adequate knowledge of the Spanish language for the performance of the assigned teaching and research work. However, in accordance with the provisions of article 56. 3 of the Law of the Basic Statute of the Public Employee and considering the nature of the duties and services of the contract, in the absence of knowledge and accreditation of the Spanish or Castilian language as indicated above, alternative accreditation of a level of knowledge and competence in the English language equivalent to at least level C1 of the Common European Framework of Reference for Languages is required, through the presentation of an authentic copy of the recognized certificates or, failing this, the passing of a level test.
- e) Not have been dismissed from any Public Administration service through disciplinary proceedings, nor disqualified from exercising public functions. Nationals of other Member States of the European Union and nationals from other



States party to an international treaty with the European Union, duly ratified by Spain concerning the free movement of workers under the terms established in the Treaties of the European Union, must not have been subject to disciplinary sanctions or criminal convictions preventing them from exercising public functions in their State of origin.

- f) Be admitted, or in a position to be admitted, to a Doctorate Program of the University of Murcia for the academic year 2024/2025. To be subsequently hired, the interested party, if awarded, must be enrolled in said doctorate program.
  - g) Not have been a beneficiary of other public aid for pre-doctoral training for the maximum period of 4 years as established by the current legislation.
  - h) Be accepted by the Research Director, who may be any Doctor member of the teaching and research staff, permanently or indefinitely linked to the University of Murcia through public service or labour, or hired through the Ramón y Cajal Programme, or Director of the applicant's Doctoral Thesis. Acceptance must be validated on PAGINAv3
  - i) In the event of the researcher who selects the candidate having a remaining future relationship with the University of Murcia of less than forty-eight (48) months, due to proximity of retirement age, calculated from the final day of application reception, the application must be endorsed by a co-director whose mandatory retirement age will not be reached before the end of the pre-doctoral contract period.
  - j) For proposals submitted under Modality B as delineated in Section 1 of Section Eight, a tutor engaged by the collaborating entity may be designated, ideally possessing a Doctorate qualification, thereby assuming the role of co-director in the thesis project.
  - k) Inclusion of a co-director is permissible only as specified in the preceding two paragraphs, whether mandatory or discretionary.
  - l) Applicants must not possess a Doctorate qualification from any Spanish or foreign university.
2. While not a prerequisite for admissibility, a score of zero points will be assigned in the relevant section to candidates who obtain a maximum weighted score below 6.5 in their transcript of records from the first and second cycle, degree, diploma, or equivalent studies (excluding the Master's Degree score), as calculated according to Royal Decree 1125/2003 of September 5th. This Decree establishes the European Credit Transfer and Accumulation System (ECTS) and the official university grading system applicable nationwide.
3. If the applicant has experienced a hiatus from academic activities due to reasons such as caregiving responsibilities for children, family members, or dependents, or has



faced conditions of social exclusion, gender violence, or other social circumstances resulting in academic inequality, the weighted average score mentioned in the preceding paragraph will be set at six (6) points. Documentation substantiating these circumstances must be attached in the "observations" section of the "PÁGINAv3" application form.

4. For academic records obtained from institutions outside Spain, the aforementioned score will be applied based on the "Statement of equivalence of average grades of studies carried out in foreign centres," obtainable through the procedure provided on the Ministry of Education and Vocational Training website. This document must be appended to the application form in the "PÁGINAv3" platform and is mandatory for the evaluation of the respective application.

<https://www.universidades.gob.es/equivalencia-de-notas-medias-de-estudios-universitarios-realizados-en-centros-extranjeros/>

The concurrence of the requirements established in this section and in the third section must be referred to the date of the end of the deadline for the presentation of applications.

### III. RESEARCH DIRECTOR REQUIREMENTS.

1. To be eligible for the selection process, the research director who has endorsed the candidate must meet the following criteria:
  - a. To support the research efforts of pre-doctoral personnel, the research director must have participated in one or more research projects funded by the European Union Framework Programme, National Programmes, or a Regional Plan; or must have entered into a research contract under Article 83 of the Organic Law on Universities or under Article 60 of the Organic Law on University System, or a research agreement amounting to or exceeding five thousand Euros (€5,000.00) in either case. These circumstances must be documented in the "PÁGINAv3" application or substantiated with appropriate documentation.

All projects, contracts and agreements must be active on the closing date of this call for applications or must have been active in the year preceding the closing date of the call for proposals.

- b. Be assigned to the university department where the candidate's research activity will be taking place. In the event of a co-director, as provided for in paragraph one of subsection "i" of Rule Two, the same circumstance of being assigned to the department must be met.
2. No individual holding a Doctorate may endorse more than one candidate in this call for applications as director or co-director.



3. Individuals who have agreed to direct or co-direct the candidate's doctoral thesis are obligated to fulfil this duty, except in cases where it is accredited as impossible, as approved by the Deputy Vice-Rector responsible for the research area. In such instances, a new director or co-director will be appointed in consultation with the Academic Management Area after discussion with the affected party.

In the event that a pre-doctoral researcher wishes to change their thesis director or co-director, an application must be submitted to the competent Deputy Vice-Rector, providing grounds for the change. The Deputy Vice-Rector will verify that the change has been recorded in the Academic Management Area and will adjudicate accordingly, taking into account the reasons stated in the application and any concurrent circumstances, and after hearing arguments from all parties involved. In all cases, the proposed substitute director or co-director must have an equal or higher score according to Scale B of this call for applications compared to the originally endorsed director or co-director, and must also meet the requirements established in this rule.

#### IV. DOCUMENTS ACCREDITING FULFILMENT OF THE ELIGIBILITY REQUIREMENTS DESCRIBED IN RULE TWO.

1. The verification of eligibility requirements specified in Rule Two must be supported by the following documents:
  - a. Nationality verification will be conducted:
    - i. In accordance with Article 28 of Law 39/2015 of October 1st, on Common Administrative Procedures of Public Administrations. By default, consent by the candidate is presumed for the University of Murcia to obtain National ID Card data, unless otherwise specified in the application, in which case a copy of the document must be provided.
    - ii. For nationals of other European Union Member States or countries with international treaties ratified by Spain allowing for free movement of workers under European Union treaties, nationality must be verified with a copy of a valid passport, Spanish Foreigner's ID Card, or equivalent document from the candidate's country of origin with similar legal standing to a Spanish ID Card.
    - iii. Individuals of any nationality whose spouses are Spanish nationals or nationals of another European Union Member State, provided they are not legally separated, or their dependent children under twenty-one years of age (or older if financially dependent), must provide an official identity document (passport or equivalent ID card) and a sworn statement confirming the relationship and meeting associated requirements (financial dependency on the spouse or parent who is a



national, absence of legal separation, etc.).

- iv. Non-Spanish nationals not covered by the above cases but legally residing in Spain or eligible for a pre-doctoral contract under immigration laws must provide a copy of their National ID Card and any other administrative documents proving eligibility to reside and work in Spain, or other required documents under immigration regulations, if applicable.

In all cases listed in subsection "a" above, the interested party must provide office copies of the required documents. Upon final assignment of the contract, the contracting body will request original or duly authenticated documents that are not already held by the University of Murcia or to which the University does not have access due to lack of consent from the interested party. These documents must be provided within the specified deadline, which is a prerequisite for contract signing. Failure to submit the required documents within the deadline or inadequacy of the documentation will result in a ten (10) day extension period for correction. Failure to correct the omission within this period will lead to the candidate forfeiting the contract, rendering the contracting proposal null and void.

- b. The age requirement will not need any other justification than the official identity document, providing that the person's date of birth is stated on it.
- c. The functional capability requirement does not need to be verified at the application stage. Selected individuals must submit a medical certificate issued by a doctor from the National Health Service as a condition precedent to contract signing. The contracting body will establish the deadline for submitting the medical certificate. Failure to submit the certificate within the deadline or indication of functional incapacity in the medical report will result in the candidate withdrawing and forfeiting the contract, rendering their proposal for contracting null and void.
- d. Verification of Spanish language proficiency may involve passing a specific language test to certify proficiency. Spanish nationals or individuals from countries where Spanish is the official language are exempt from the language test, as are those who have achieved levels B2 or C2 in Spanish as a foreign language under Royal Decree 1137/2002 of October 31st, or an equivalent advanced certificate in Spanish as a foreign language issued by competent educational authorities. Office copies of the mentioned certificates must be provided if applicable, although authenticated copies may be requested by the contracting body upon awarding the contract.
- e. A signed affidavit must be submitted to certify compliance with the requirement stated in subsection "e" of Section 1 of Rule Two.

If the candidate is later assigned the contract, the contracting body may conduct necessary verifications or request accrediting documents within a





specified deadline. Failure to comply, inadequate documentation, or discovery of facts preventing contract fulfilment will result in the candidate waiving the contract and nullification of the contract proposal.

- f. The requirement described in subsection "f" of Section 1 of Rule Two will be officially verified by the University of Murcia.
- g. Validation of the requirement stated in subsection "h" of Section 1 of Rule Two must be confirmed by the research director in the "PÁGINAv3" application. This validation is mandatory for consideration of the application.

#### **V. DOCUMENTS ACCREDITING FULFILMENT OF THE REQUIREMENTS OF THE RESEARCH DIRECTOR DESCRIBED IN RULE THREE.**

1. The eligibility requirements outlined in Rule Three for the research director will be officially verified by the University of Murcia. However, if the director has participated in projects not registered in the "PAGINAv3" application, certificates issued by the project managing entity must be submitted. These certificates should detail the budget and relevant circumstances of the projects.
2. For applications under Modality B as defined in Rule Eight, the following must also be included:  
  
Details of the tutor at the collaborating entity, if applicable.  
  
Details of the co-director of the doctoral thesis, if applicable and holding a PhD.
3. A commitment document for co-financing, covering the entire duration of the contract, equivalent to at least thirty percent (30%) of the total contract cost, must be attached in case the applicant is awarded a contract. This document must adhere to the format provided in Annex III and must be duly signed by an authorized representative of the collaborating entity.

#### **VI. DOCUMENTS ACCREDITING MERITS ALLEGED BY THE CANDIDATE.**

1. To substantiate the curricular merits cited by applicants, files in PDF format must be provided, appropriately named to ensure clear identification. Each file name must include the number and subsection of the corresponding section of the scale, as indicated in the application form. Applicants should refer to the merit justification guide attached to this call for applications for specific instructions. Participation in this call implies that the applicant has thoroughly reviewed the merit justification guide and understands the maximum contribution limits outlined in Scale I. Applicants commit to providing supporting documents, if applicable, following the naming conventions specified above.
2. Additionally, a comprehensive activity report must be submitted. This report should



include details related to the title and summary of the doctoral thesis or the report submitted for doctoral studies admission.

3. For applications under Modality B, as outlined in the eighth Rule, the report must encompass a summary of the project specific to the collaborating entity, emphasizing high innovative capacity and the transfer of research outcomes. Furthermore, the report must include a written agreement from the collaborating entity signed by an authorized representative, along with a detailed schedule outlining anticipated results. The report, signed by the applicant and the thesis director, and if applicable, by the authorized representative of the collaborating entity, must be submitted electronically. This document, along with Annex III for Modality B and Scale III of Annex II, must be uploaded in PDF format to the "Observations" section of the application form in the "PÁGINAv3" platform.
4. Transcripts of records will be obtained automatically for applicants who have studied at the University of Murcia. For all other cases, a certificate must be provided. Non-Spanish transcripts require an equivalence statement of average grades from foreign institutions, obtainable via the Ministry of Education and Vocational Training website: <https://www.universidades.gob.es/equivalencia-de-notas-medias-de-estudios-universitarios-realizados-en-centros-extranjeros/>
5. Regardless of the case, all applicants must specify in the remarks section the title, number of credits, and the institution where they completed or are completing their Master's Degree or equivalent program at the time of application.

## VII. COMMON RULES APPLICABLE TO RULES FOUR, FIVE AND SIX.

1. In addition to any specific regulations outlined in this call for applications, the following general rules apply to all documents verifying eligibility or assessable merits:
  - a. Documents drafted in a language other than Spanish or English must be accompanied by an official translation.
  - b. All documents must be submitted in electronic format, adhering to the specific provisions detailed in Rule Eleven.
  - c. Verification of registration must be completed within the deadline specified for submitting applications, notwithstanding the opportunity to rectify deficiencies in accordance with these rules and relevant legislation.
  - d. The contracting body or Contracting Committee, as applicable, reserves the right to request candidates to provide original documents or authenticated copies of any submitted documents during the selection process to verify their validity and authenticity. Candidates failing to submit the required documents within the established deadline, which shall not be less than five (5) working



days, will be excluded from further consideration in the selection process.

Documents required to be submitted within correction deadlines specified in these rules or upon request by the contracting body or Contracting Committee must be emailed to the following address: [ugirrh@um.es](mailto:ugirrh@um.es).

## VIII. QUANTITY AND SPECIFICATIONS OF CONTRACTS.

1. The objective of the contract is to engage individuals in research activities within the framework of a specific and innovative project. Eligible candidates must possess a Bachelor's, Engineer's, Architect's, University Graduate's degree with at least 300 ECTS credits (European Credit Transfer System), or a University Master's degree, or an equivalent qualification. Additionally, candidates must have been admitted to a doctoral program. Such individuals will be considered pre-doctoral research personnel undergoing training. Furthermore, the contract may provide postdoctoral supervision for a maximum period of twelve months. Under no circumstances may the contract duration exceed the maximum specified in Section 4 of this regulation.
2. This call for applications encompasses two contract modalities:
  - a. Modality A): Pertaining to pre-doctoral contracts for research within the framework of a new, specific project in any field of fundamental or applied sciences, technical disciplines, humanities, or the arts.
  - b. Modality B): Relating to pre-doctoral contracts for research within the framework of a new, specific project focusing on topics of particular interest to public or private entities with a high capacity for transferring research outcomes.

Fifteen (15) contracts will be allocated to Modality A, and five (5) contracts will be allocated to Modality B. Any contracts not allocated under Modality B may be reassigned to the initial number designated for Modality A.

In Modality A, one new contract will be reserved for each of the following five branches of knowledge. These contracts will be awarded from among the applicants with the 25 highest scores, and each will be granted to the candidate with the highest score from the underrepresented gender (PDI) in each respective branch of knowledge at the University of Murcia:

- c. Sciences.
- d. Health Sciences.
- e. Art and Humanities.
- f. Social and Legal Sciences.



g. Engineering and Architecture.

Assignment of candidates to specific fields of knowledge will be determined based on the branch of knowledge of the research director as recorded at the University of Murcia.

The remaining contracts will be allocated through open competition across all branches of knowledge, without distinction.

If there are no candidates for one or more branches of knowledge, or if applicants fail to meet the minimum qualifying score for the selection process, the contracts designated for those branches will be reallocated to the general pool of fields.

3. Each contract shall have a maximum duration of four (4) years, regardless of the specific provisions of Article 21, Subsection “c” of Law 14/2011 of 1st June, as amended by Law 17/2022 of 5th September, concerning individual circumstances under the aforementioned law.

In exceptional cases involving a disabled person, the contract may extend up to six (6) years, including any extensions, if the initial duration is shorter, taking into account the nature of the research activity and the extent of the person's limitations.

The following circumstances shall interrupt the calculation of the contract duration: temporary incapacity periods, full-time leave due to pregnancy, risk during pregnancy, maternity, paternity, adoption or foster care, breastfeeding, or similar situations. The contract duration shall be extended by periods spent on part-time leave for the same reasons, as well as for reasons related to reconciliation or care of minors, family members, or dependents.

The performance of pre-doctoral research personnel undergoing training shall undergo annual assessment by the Doctorate Programme Academic Committee or, where applicable, by the International Doctorate School of the University of Murcia, throughout the contract duration. If performance does not meet required standards during these assessments, the contract may be terminated.

4. Each contract will be formalized in writing between the pre-doctoral research personnel undergoing training, acting as the employee, and the University of Murcia, acting as the employer. It must be accompanied by a letter of admission to the doctoral program issued by the International Doctorate School of the University of Murcia, or alternatively, by the Postgraduate Department within the Academic Management Area.
5. Failure to enrol in the doctoral program will prevent the signing of the employment contract and result in the exclusion of the selected candidate. The vacancy will be filled by the first or subsequent candidates on the waiting list, in sequence, subject to their mandatory enrolment in the respective doctoral program.
6. The dedication regime shall be full time.



7. Under the pre-doctoral contract, the trainee researcher is bound by contract to the University of Murcia and the obligations arising from it. Throughout the contractual period, the pre-doctoral research personnel, and where applicable the University of Murcia, shall be entitled to all the labour and social benefits inherent in the executed employment contract.
8. Individuals contracted under the terms of this call for applications may be authorized to engage in supplementary teaching activities for training purposes, related to their official qualifications, within a department at the University of Murcia, up to a maximum of sixty (60) hours per year. These activities must be predominantly practical and directly relevant to the nature of the research conducted under the pre-doctoral contract.

An application from the interested party is required, to be submitted to the Deputy Vice-Rector responsible for academic affairs. The application must detail the type and duration of tasks, accompanied by specific endorsement from both the research director and the university department.

As a general rule, refusal to perform these strictly defined teaching tasks, deemed conducive to the academic development of the trainee researcher, will only be permissible upon submission of a report justifying the grounds for non-compliance in each instance. Such grounds must demonstrate that the refusal is necessary to prioritize training and research tasks inherent to the contract, and that compliance would compromise the research to a significant extent.

Upon contract termination, the relevant university department will issue a report on the lectures delivered by the individual, forwarded to the pertinent Deputy Vice-Rector overseeing academic staff, for issuance of the corresponding certificate.

The provisions of this section will be verified in accordance with the regulations established at the University of Murcia.

9. Any temporary absence from the workplace must be reported to the Academic Management Area and must be authorized in advance by the competent Deputy Vice-Rector for Research.

Regarding the above, the interested party must submit a well-founded application, duly endorsed by the research director, with sufficient notice for resolution, no less than fifteen (15) days before the intended start of the absence.

Authorizations for absences will only be granted for those directly related to the research training inherent to the pre-doctoral contract. Therefore, the application must include a detailed report of the activities planned during the absence.

10. Throughout the contract duration, pre-doctoral research staff may apply for a travel grant to support their research activities abroad, in accordance with the guidelines set forth in Resolution R-606/2021 dated May 11th, which establishes the regulations and application process for grants intended for beneficiaries of University of Murcia



Pre-doctoral Contracts (FPU).

11. This call for applications includes the payment of public registration fees for thesis tutoring in doctoral programs during the academic years in which individuals are enrolled, throughout the grant's validity period.
12. Holders of pre-doctoral contracts, in their capacity as employees providing services, are subject to the disciplinary regulations outlined in the 2nd Collective Agreement for Teaching and Research Staff of Public Universities in the Region of Murcia, effective from January 1, 2016.
13. Additionally, as doctoral students at the University of Murcia, individuals with a pre-doctoral contract are subject to Law 3/2022 of February 24, concerning university coexistence.

#### **IX. FUNDING CONDITIONS UNDER MODALITIES A AND B.**

1. In the case of Modality A contracts, as per the definition provided in Rule Three, the University of Murcia shall defray the full costs of contracting in accordance with the provisions established in Article 21.d of Law 14/2011 of 1st June.
2. In the case of Modality B contracts, as per the definition provided in Rule Three, co-funding by a public or private entity other than the University of Murcia will be required, characterised by the high transfer capability of the results produced through the research project. Co-funding must reach a minimum of thirty percent (30%) of the total contract cost throughout the duration period of the contract, in accordance with the quantities defined in Annex III.

For these purposes, the aforementioned commitment shall not be considered to cover any increases in labour costs due to causes not attributable to the co-funding entity, unless the latter voluntarily decides to defray such.

3. In the case of Modality B contracts, the provisions established in section 6 of Rule Eight shall require co-funding to cover the full period of post-doctoral orientation.
4. For these purposes, the funding commitment undersigned by the person entitled to act on behalf of the co-funding entity shall be required in accordance with the form attached as Annex III, stating at least the committed co-funding percentage and how the funds will be transferred to the University of Murcia.

The University of Murcia undertakes the commitment to fully apply the aforementioned funds from the business to the costs of the relevant contract and shall be liable to the affected company in the event of breaching this commitment.



## X. ENDOWMENT AND PAYMENT

In accordance with Article 21.d of Law 14/2011 of June 1, as amended by Law 17/2022 of September 5, during the first two years of the contract, the remuneration of pre-doctoral personnel may not be less than fifty-six percent (56%) of the salary established for equivalent categories in the 2nd Collective Agreement for Teaching and Research Staff of Public Universities in the Region of Murcia. Similarly, for these equivalent categories, this amount may not be less than sixty percent (60%) during the third year and seventy-five percent (75%) during the fourth year of the contract. These amounts shall not fall below the minimum inter-professional salary established annually under Article 27 of the Consolidated Text of the Workers' Statute.

## XI. PARTICIPATION PROCEDURE. PRESENTATION.

1. The deadline for submitting applications or requests for participation in the selection process will begin at zero (00:00) hours on the day following the publication of the call in the Boletín Oficial de la Región de Murcia (BORM). and will conclude at 11:59 p.m. (peninsular time) on September 13, 2024.
2. Applications to participate in the selection process must be submitted by completing the application form and validating it through the "PÁGINAv3" application on the University of Murcia website at: <https://pagina.um.es>. In cases where there are faults in the aforementioned IT applications due to causes not attributable to the interested party, applications may be submitted using any other methods outlined in Article 16.4.b of Law 39/2015 of October 1, on Common Administrative Procedures of the Public Administration. In such instances, a copy of the submitted application form must be emailed to [ugirrh@um.es](mailto:ugirrh@um.es) within the deadline stipulated in the call for applications.
3. By signing and submitting the application, the applicant declares under his/her responsibility that he/she meets the requirements for admission to the contract for which he/she is applying, attaching certification of their employment history in the "Observations" section of the "PÁGINAv3" application.
4. Regardless, all relevant documents listed in Rules Four, Five, and Six must also be submitted within the application deadline. These documents must be uploaded in the "Observations" section of the "PÁGINAv3" application, using PDF format if there is no specific section for the document.
5. Failure to submit the required documents to substantiate alleged merits within the specified deadline will prompt the Contracting Committee to issue a request for amendments within ten (10) working days. Candidates failing to comply with this requirement will be excluded from the selection process. All documents accrediting merits must be submitted by the application deadline. Documents accrediting merits submitted after the deadline will not be considered.
6. All candidates are accountable for the accuracy of the information provided in their



applications and attached documents. However, authentic documents may not be required in all cases. Concealment of information or provision of false information will result in exclusion from the selection process, following a meeting held within a five (5) day deadline. If concealment or false testimony is detected after contract signing, disciplinary procedures will commence, and the contract may be terminated. Should such issues relate to authentic documents submitted post-adjudication and pre-contract signing, they will be reported to the Public Ministry.

## **XII. ADMISSION FOR APPLICATIONS OF PARTICIPATION.**

1. Upon the conclusion of the deadline for submission of applications for participation, the contracting authority, through the Research Area, shall proceed with the examination of the registered submissions.
2. The verification of compliance with the eligibility requirements outlined in Rules Two and Three shall be conducted accordingly.
3. Subsequently, the contracting entity shall proceed to approve and publish a provisional list of eligible and excluded candidates. The grounds for exclusion, and whether such deficiencies are remediable, shall also be disclosed for excluded candidates.
4. The Resolution shall stipulate a period of ten (10) working days within which provisionally excluded candidates may rectify any remediable deficiencies identified, with a warning that failure to do so will result in permanent exclusion.
5. Following the expiration of the aforementioned deadline, the contracting entity will approve and publish the final list of eligible and excluded candidates, once again specifying the reasons for exclusion in the latter case.
6. The Resolution approving the final list of eligible and excluded candidates shall not introduce any new grounds for exclusion that were not previously cited in the provisional Resolution of eligible and excluded candidates.

In the absence of provisionally excluded candidates, the final Resolution listing eligible candidates shall be published. This shall also apply to candidates excluded due to reasons not amenable to rectification.

## **XIII. CONTRACTING COMMITTEE.**

1. In the Resolution where the final list of eligible and excluded candidates is published, the contracting body will also appoint and disclose the members of the contracting committee responsible for conducting the assessment process and selecting the candidates.
2. The Contracting Committee will be constituted in accordance with Article 162 of the University of Murcia Statutes, as amended by subsequent mandatory regulations, and





shall comprise of the following members:

- a. President: President of the University of Murcia's Research Committee.
  - b. Vice-President: Director of the International Doctorate School of the University of Murcia.
  - c. Two (2) members: Appointed by the Rector from the members of the University of Murcia's Research Commission, upon proposal by the Commission.
  - d. Two (2) members: Appointed by the Rector from among the members of the General Doctorate Commission of the University of Murcia at the proposal of the aforementioned Commission.
  - e. Two (2) external members: Appointed by the Rector from outside the University of Murcia, upon proposal of the Research and/or General Doctorate Commissions, and who meet the eligibility criteria for membership in the aforementioned commissions, and their selection aims to ensure representation from different fields of knowledge or related areas.
  - f. One (1) member: Appointed by the Rector at the proposal of the Works Committee, who meets the eligibility criteria for membership in the Research Committee.
  - g. Secretary: An official from the Research Area appointed by the Rector.
3. The appointment of the members of the Contracting Committee shall include the designation of substitutes, following the same criteria as outlined in subsection "c" of number 2. The Chairman of the Committee shall not have a substitute, while the Vice-Chairman of the Committee may act in their place if necessary.
  4. The Contracting Committee shall strive to ensure an equal representation of male and female doctors.
  5. For communication and handling of incidents, the Contracting Committee shall operate from the Office of the Deputy Vice-Rector for Research and Internationalization at the University of Murcia, Research Area (email: [ugirrh@um.es](mailto:ugirrh@um.es)).
- Administrative records will be digitized and maintained by the Secretary of the Contracting Committee in the Research Area for the purpose of displaying and providing copies to interested parties in case of any claims or challenges against the selection process, following the issuance of the final resolution.
6. Members of the Contracting Committee must abstain from participating in Committee deliberations and promptly report such to the Rector of the University of Murcia if they meet any of the conditions outlined in Article 23 of Law 40/2015 of October 1st. Should there be grounds for candidates to challenge them under the same provisions at any point during the procedure, they are obliged to follow the stipulations set forth



- in Article 24 of the aforementioned Law. Directing, co-directing, or supervising doctoral theses by any of the candidates will be considered a case of direct partiality.
7. If applicable, prior to commencing the selection process, the Rector shall issue a Resolution published in the TOUM (University of Murcia Official Notice Board), appointing new members to the Contracting Committee to replace those ineligible to participate due to the circumstances outlined in Rule 6. The appointment of new Committee members shall adhere to the provisions outlined in Rule 6.
  8. The Contracting Committee shall convene upon summons by the President. Mandatory attendance by the President, the Secretary, and at least half of the appointed members or substitutes is required. Once the Contracting Committee is constituted, there shall be no substitution of members by substitutes, either for specific meetings or permanently, except in cases of duly justified inability to attend or founded challenges subsequent to the Committee's constitution, where non-attendance could risk a lack of quorum at subsequent meetings. In such instances, the Rector shall appoint substitutes as necessary, with the appointments duly published in the TOUM, and these substitutes shall be subject to abstention and challenge as outlined in section 6.
  9. Upon constitution of the Committee, and to validly conduct subsequent meetings, a quorum of at least half of the members is required, with mandatory attendance by the President and the Secretary. Should the President or Secretary be absent from particular Committee meetings, they shall be replaced by the Vice-President or the most senior member in public employment, respectively, and the most senior member shall assume the role of Secretary. In this scenario, the substitute member/s shall not be counted in the quorum calculation of at least half of the Contracting Committee members, excluding the President and Secretary.
  10. The actions of the Contracting Committee shall adhere to the provisions of Laws 39 and 40 of October 1st, 2015, concerning procedural matters applicable to public employment selection processes, and shall function collectively in sequential roles.
  11. The functions of the Contracting Committee are outlined as follows:
    - a. To evaluate candidates based on the selection procedure and criteria specified in the Scales provided in Annexes I and II. To this end, the Contracting Committee may request the attendance of individuals or public entities deemed necessary to provide technical advice during the selection processes of personnel engaged in university research, subject to prior authorization by the Vice-Rector.
    - b. To make decisions necessary for the proper conduct of the selection process, consistently adhering to these rules and the applicable provisions established in the legal framework.
    - c. To resolve any uncertainties arising from the application of the rules governing



the call for applications, including these rules, and to determine the best course of action regarding any matters not addressed in the relevant documents.

12. The Contracting Committee is prohibited from approving or declaring that a greater number of candidates have passed the selection process than there are available contracts. Any approvals that contravene this rule shall be null and void by law.

In the event of administrative appeals against decisions of the Contracting Committee that are subject to independent challenge, it is hereby noted that the next hierarchical authority above the Contracting Committee is the Rector of the University of Murcia

#### **XIV. PUBLICATION.**

For the purposes stipulated in Article 45 of Law 39/2015 of October 1st, any subsequent communication regarding this call for applications to be officially notified to the interested parties must be published officially through an act or resolution on the Official Notice Board of the University of Murcia (TOUM), accessible at <https://sede.um.es/sede/tablon/inicio.seam>. This publication will substitute personal notification and carry the same legal effects. Accordingly, identification of individuals will be conducted using the number assigned in the "PÁGINAv3" application for the applications, including the initials of their given name and surname(s)

#### **XV. ASSESSMENT OF CANDIDATES AND PROCEDURE RESOLUTION.**

1. Selection of eligible candidates will be divided into two phases.
2. During the first phase, the Contracting Committee will select the fifty (50) candidates with the highest average weighted scores from their transcripts of records, regardless of the application modality, unless there are fewer applications. This selection process will exclusively evaluate the average weighted grades of the diploma or undergraduate degree in engineering, architecture, or other required degrees for admission to the doctoral program, without considering the average score of any necessary Master's degree for the same purpose. For studies completed abroad, the score obtained through the "Declaration of equivalence of average grades in studies taken abroad" will be considered, obtainable through the procedure available on the Ministry of Education and Professional Training website.

To ensure consistent and objective evaluation of the average score in the transcript of records, weighting will be applied according to the calculation procedure outlined in Rule Nineteen. The weighting coefficients for different qualifications are detailed in Annex V of this Resolution.

3. Upon completion of the first phase of the selection process, the Contracting Committee will publish a provisional list of selected candidates who will proceed to



the second phase. This list will be arranged in order of the average weighted scores of all eligible candidates in the selection process. The same resolution will specify a period of ten (10) working days for the submission of objections, following which the final list of candidates eligible to proceed to the second phase will be published, detailing the score obtained by each candidate in accordance with the criteria established in Section 1 of Rule Sixteen.

4. The second phase of the selection process will involve evaluating each candidate's curriculum vitae, that of their respective research directors, and for Modality B contracts, the interest of public or private entities with a high capability for transferring research results, as evidenced by their collaboration history with the University of Murcia. This evaluation will adhere to the parameters derived from the scales outlined in Annexes I and II

Upon completing the merit assessment in the second phase, the Contracting Committee will publish a list of evaluated candidates in rank order through a Resolution that grants a ten (10) working-day period for the submission of objections. The Resolution will also include a provisional proposal for employment with the selected candidates.

5. After the deadline for objections has passed, the Contracting Committee will finalize the proposal for employment with the selected candidates, which will be published accordingly. The final proposal for employment will encompass all candidates evaluated in the second phase in rank order, with explicit reference to the documents included in their files substantiating the grounds for the proposal and, where applicable, subsequent procedural resolutions. This proposal, along with any objections submitted and evaluated by the Contracting Committee, and complete files, will be submitted to the Rector for final decision.
1. In either scenario, failure to submit objections within the specified deadlines will result in provisional proposals becoming final proposals, as explicitly stated in the provisional proposal..
2. When preparing the final proposal for employment, the Contracting Committee will apply the provisions outlined in Section 3 of Rule Eight, even if this results in favoring certain candidates over others or candidates from different fields of knowledge.
3. The Contracting Committee may not propose employment of a greater number of candidates than the available contracts. However, the proposal must also include a list of substitute candidates, ranked accordingly and categorized by field of knowledge, in case there are vacancies in Modality A contracts as described in Section 3 of Rule Eight. These candidates will be considered for employment in the event that any initially selected candidates are not ultimately employed, either due to voluntary withdrawal from the process or other causes, and also if they terminate the contract for any reason within the first three (3) months.



4. The Rector will issue a resolution based on the proposal of the Contracting Committee, unless significant objections are noted, in which case the resolution will be based on legal grounds.
5. The final resolution on the procedures will establish the deadline for selected candidates to submit relevant documents accrediting any necessary matters as per the regulations of this call for applications, and to sign the employment contract specifying the commencement date of their employment. Said documents must be submitted to the Human Resources and General Services Department at the University of Murcia.

In relation to Modality B contracts, the University of Murcia will notify the co-funders about each successfully appointed candidate during the selection process within ten (10) days following the date of the final resolution. A proposal for a cooperation agreement shall also be dispatched in accordance with the format provided in Annex IV of this document.

#### **XVI. PERCENTAGE APPLIED IN THE FINAL SCORE TO DIFFERENT EVALUABLE CONCEPTS OF THE FIRST AND SECOND PHASES OF THE SELECTION PROCESS.**

The final score in the selection process will be allocated according to the following percentages:

1. Eighty percent (80%) of the maximum score for Modality A contracts will be based on the weighted transcripts of records of each candidate, with a maximum partial score of eight (8) points, and seventy percent (70%) for Modality B contracts, with a maximum partial score of seven (7) points. Pursuant to Section 2 of Rule Two, candidates scoring below six point five (6.5) or six (6), respectively, in their average weighted transcripts of records will receive zero (0) points.
2. Ten percent (10%) of the maximum score for both modalities will be assigned based on the evaluation of each applicant's curriculum vitae, in accordance with the scales outlined in Annexes I and II (BAREMO I), with the maximum partial score attainable for this criterion being one (1) point.
3. Ten percent (10%) of the maximum score for both modalities will be attributed to the evaluation of the research capacity of the research directors, as assessed using the scales provided in Annexes I and II (BAREMO II), with the maximum partial score achievable for this criterion also being one (1) point.
4. For Modality B, ten percent (10%) of the maximum score from Annex II (BAREMO III) will reflect the interest and involvement of the public or private entity with a high capacity to transfer the results of the research generated, based on its history with the University of Murcia, with the maximum partial score for this criterion set at one (1) point.

#### **XVII. - MINIMUM SCORES REQUIRED TO PASS THE SELECTION PROCESS.**

Regardless of other candidates and the order of priority in the ranking, in order to pass the selection process, the following minimum scores must be obtained:



1. Candidates for Modality A contracts: seven (7) points.
2. For candidates applying for Modality A contracts, who meet any of the circumstances specified in point 3 of the second base of this call, six (6) points.
3. Candidates for Modality B contracts: six (6) points.

#### **XVIII. - SCOPE OF SCORES AND DECIDING CRITERIA IN THE CASE OF TIE.**

1. To ensure precise and specific assessment and to prevent ties, the scores applicable to each phase for each of the elements outlined in Rule Sixteen shall be calculated to the hundredth, as per the formula established and published by the Contracting Committee for this purpose prior to commencing the assessment of the first phase.
2. In case of a tie in the scores during the first phase of the selection process that would determine the continuation of two or more candidates in the selection process, all tied candidates shall proceed to the second phase of the selection process.
3. In the event of complete parity following the application of the criteria delineated in the preceding sections, the following regulations shall govern:
  - a. Should the tie situation prove decisive for the award of the contract and occur among candidates within the same field of expertise, preference shall be given to the individual of the underrepresented gender in the Permanent Teaching and Research Staff (PDI) of the University of Murcia in the corresponding field.
  - b. If the tie determining the award of the contract does not involve candidates within the same field of expertise, preference shall be given to the underrepresented gender in the overall allocation of contracts in this call.
  - c. Should a tie persist, the contract shall be awarded based on the priority resulting from the alphabetical order of the first or only surname of each applicant, in accordance with the Resolution of July 27, 2023 of the Secretary of State for Civil Service, or any subsequent applicable regulation at the time of the final resolution of the contracts.
  - d. If a tie situation is decisive for the assignment of a place on the waiting list, the procedure shall adhere to the provisions outlined in the preceding paragraphs.

#### **XIX. - WEIGHTING CRITERIA ON THE TRANSCRIPT OF RECORDS IN THE EVALUATION OF THE FIRST PHASE OF THE SELECTION PROCESS.**

1. The calculation of the weighted average score from academic transcripts shall exclusively consider the engineering or architecture diploma or degree that qualifies for admission to the doctoral program, excluding any master's courses also required for doctoral program admission, except as outlined in Section 3.



2. To ensure consistent evaluation of all candidates with degrees from institutions other than the University of Murcia, not listed in Annex V of the call for applications, the Research Commission shall apply the weighting coefficient it deems most appropriate, providing justification among degrees in the same field of study listed in the aforementioned annex.
3. Should the Contracting Committee identify any unjustified deviations, an additional corrective factor may be applied, with justification duly recorded in the case file.
4. The calculation of the weighting coefficient for qualifications (C(t)) shall adhere to the following formula:

$$C(t)=1-0,2*(I(t)-min)/(max-min)$$

Where:

I(t) = INDEX (or quotient) OF THE QUALIFICATION.

The index (I(t)) represents the mean of each student's indexes within their respective degree programs. To calculate this, each student's index is determined by dividing their average weighted score by the score achieved in the general stage of the University entrance exams (or, where applicable, the Baccaureate score in the pre-university course).

The average weighted score used for calculating these indexes considers all credits attempted by the student, including failed credits. The coefficients used in selecting the transcripts are determined based on the following criteria: i) For degrees, data from all academic years up to 2022/23 will be considered; ii) For degrees completed by 2010, data from students enrolled between academic years 2005/2006 and 2009/2010 will be used; iii) For degrees completed by 2011, data from students enrolled between academic years 2006/2007 and 2010/2011 will be utilized.

Each degree's quotients will be assigned both a maximum (max.) and minimum (min.) quotient, which are integral to the formula described above.

## XX. - OBLIGATIONS OF AWARDEES.

1. The successful candidates awarded employment contracts shall adhere to the following obligations, necessary for the effective execution of the contract and commencement of work:
  - a. Submission of relevant documents to the Human Resources and General Services Department at the University of Murcia, as per the chronological and substantive conditions stipulated in this call for applications and the final procedure resolution.
  - b. Execution of the work contract on the designated date, within the specified



deadline, or in accordance with terms outlined in the final procedure resolution.

2. Failure to fulfill any obligations outlined in Section 1 above shall constitute voluntary relinquishment of the awarded contract, except in cases of justified material impossibility lasting no more than fifteen (15) days. In such instances, prompt notification must be provided to the Human Resources and General Services Department at the University of Murcia, along with appropriate documentation verifying the circumstances. An extension of the deadline may be granted for a reasonable period in such cases.
3. Upon signing the work contract, pre-doctoral personnel contracted are obligated as follows:
  - a. Commencement of research activities on the specified date, within the designated deadline, or as per terms established in the final procedure resolution or the employment contract. Failure to commence activities as required shall be considered unilateral withdrawal from the contract, unless due to material impossibility stemming from temporary disability, maternity or paternity leave, or other similar situations as prescribed by law.
  - b. Adherence to the legal framework governing pre-doctoral contracts, in accordance with applicable regulations.
  - c. Integration into the research group led by their respective research director.
  - d. Submission of an annual research progress report (maximum 1,000 words) each October during the contract period, following the provided standard template. Reports must be published on the website of the Deputy Vice-Rector's Office responsible for the research subject matter, excluding the final contract year where a final report shall be submitted.
  - e. Submission of a comprehensive final report within one month following the contract's conclusion, covering the entire contract period and complying with the provided standard template. The report must be published on the website of the Deputy Vice-Rector's Office responsible for the research subject matter.
  - f. All research activities conducted by the contracted pre-doctoral personnel must adhere to general instructions and any specific directives issued by competent bodies at the University of Murcia concerning technical aspects, safety protocols, controls, etc. Furthermore, activities must comply with international standards and current regulations pertaining to bioethics, animal experimentation, biosafety, chemical safety, environmental protection, natural heritage and biodiversity, as well as data protection regulations.

## **XXI. INCOMPATIBILITY REGIME.**





Receipt of a grant under this call is incompatible with other grants funded by public or private sources serving a similar purpose, as well as with salaries or compensations of a similar nature, concurrent activities overlapping with the training schedule, and generally any remuneration or engagement that could impact the grant's intended purpose of training and research or occurs during the same period.

**XXII. AWARDEES FROM PREVIOUS CALLS.**

In order to ensure uniformity in both rights and obligations for all individuals interested in this type of call, recipients of a pre-doctoral contract under any previous calls for "Predoctoral Contracts of the Plan for the Promotion of Research at the University of Murcia" currently in effect, shall adhere to the stipulations of this call and its corresponding regulations. The exception to this rule pertains solely to the deadline for submission of the annual follow-up report, which shall be governed by the provisions specified in the corresponding call.

The Rector  
José Luján Alcaraz.



**ANNEX I**

**SCALE I - MODALITY A CANDIDATES (Maximum 9 points):**

	Scores
Weighted Academic Transcript of records leading to eligibility x 0.8	(Max. 8,00 puntos)
Additional merits by the applicant	(Max. 1,00 puntos)
These will be valued in accordance with the following scores: (A maximum of 2 contributions in the form of articles, and books or book chapters will be valued and the indicators of relevance and quality of the contribution, the role of the candidate according to the CRediT scale and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).	(Max. 0,4 puntos)
<b>1. Published research articles: (with ISSN or DOI)</b>	
<b>1.a) Journals classified in the JCR in SCIE and in JCR SSCI (Science Citation Index Extended, Social Science Citation Index) or in the list of Art &amp; Humanities Citation Index.</b>	
Journals included in SCIE, SSCI, AHCI (Science Citation Index Extended, Social Science Citation Index, Art & Humanities Citation Index) taken from the WOS Main Collection database. For SCIE and SSCI consult the Impact Factor of the JCR (Journal Citation Reports), in the year of publication of the article, or if the date is later, consult the last year available at the time of publication of this call. ( <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> ).	
First quartile	0,20 <sup>a</sup>
Second quartile	0,15
Third quartile	0,10
Fourth quartile	0,05
Publications in A&HCI	0,15
Publications in SSCI and SCIE (not included in JCR)	0,05
<sup>a</sup> If you are in the first decile	+0,10
Publications in Nature or Science	+0,15
<b>1.b) Journals classified in CAPES A1, A2, B1, B2, or in CARHUS PLUS A, B, C and D, or in CIRC A+,</b>	



<p><b>A, B, C, or in CORE A+ and A, or in ERIH PLUS, or in ESCI, or in MIAR (ICDS between 6 and 11), or in SJR Scimago Journal Rank (Quartiles).</b></p> <p>Consult the year of publication of the article, or if the date is later, consult the last year available at the time of publication of this call for papers.</p> <p>(<a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a>)</p>	
First quartile in SJR, or included in CAPES A1, or in CARHUS Plus A, CIRC A+, CORE A+, MIAR ICDS = >9.	0,10
Second quartile in SJR, or included in CAPES A2, or in CARHUS Plus B, CIRC A, CORE A, MIAR ICDS => 8 and <9..	0,07
Third quartile in SJR, or included in CAPES B1, CARHUS Plus C, CIRC B, ERIH PLUS, MIAR ICDS =>7 and <8..	0,05
Fourth quartile	0,03
<p><b>1.c) Journals classified in CitEc, or in CUIDEN Citation, or in Dialnet Metrics, or in Ranking of Spanish Scientific Journals of Humanities and Social Sciences with the FECYT seal of quality.</b></p>	
First quartile	0,07
Second quartile	0,05
Third quartile	0,03
Fourth quartile	0,02
<p><b>1.d) Publications in conference proceedings included in the GII-GRIN-SCIE Conference Rating (<a href="http://www.scie.es/gii-grin-scie-rating/">http://www.scie.es/gii-grin-scie-rating/</a>)</b></p>	
Class 1	0,20
Class 2	0,15
<p><b>1.e) Journals not classified in the previous sections and that meet at least 30 standard quality criteria in the Latindex Catalog.</b></p>	
For each item	0,01
<p><b>2. Published books and chapters of research books</b></p> <p>Books are understood to be those publications directly related to research or creative topics that have a legal deposit and ISBN. Therefore, texts, notes, etc., more directly related to teaching are excluded.</p> <p>(Preferably the valuation in BCI and SPI should be used, using IE-</p>	



CSIC only in those cases where the former cannot be used).																										
<p>2. a) For publishers included in BCI, the score will be the score corresponding to that shown for the First quartile of the scores, as detailed below, for publishers included in SPI (by discipline):</p> <ul style="list-style-type: none"> <li>Book/Monography:</li> </ul> <table border="1"> <tr> <td></td> <td>First international quartile</td> <td>0,25</td> </tr> <tr> <td></td> <td>Second international quartile or first national quartile</td> <td>0,20</td> </tr> <tr> <td></td> <td>Third international quartile or second national quartile</td> <td>0,15</td> </tr> <tr> <td></td> <td>Fourth international quartile or rest of national quartiles</td> <td>0,10</td> </tr> </table> <ul style="list-style-type: none"> <li>Book chapter:</li> </ul> <table border="1"> <tr> <td></td> <td>First international quartile</td> <td>0,15</td> </tr> <tr> <td></td> <td>Second international quartile or first national quartile</td> <td>0,10</td> </tr> <tr> <td></td> <td>Third international quartile or second national quartile</td> <td>0,05</td> </tr> <tr> <td></td> <td>Fourth international quartile or rest of national quartiles</td> <td>0,03</td> </tr> </table>				First international quartile	0,25		Second international quartile or first national quartile	0,20		Third international quartile or second national quartile	0,15		Fourth international quartile or rest of national quartiles	0,10		First international quartile	0,15		Second international quartile or first national quartile	0,10		Third international quartile or second national quartile	0,05		Fourth international quartile or rest of national quartiles	0,03
	First international quartile	0,25																								
	Second international quartile or first national quartile	0,20																								
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	Third international quartile or second national quartile	0,05																								
	Fourth international quartile or rest of national quartiles	0,03																								
<p>2. b) Publisher included in IE-CSIC:</p> <ul style="list-style-type: none"> <li>Book/Monography:</li> </ul> <table border="1"> <tr> <td></td> <td>High Value</td> <td>0,12</td> </tr> <tr> <td></td> <td>Medium Value</td> <td>0,10</td> </tr> <tr> <td></td> <td>Low Value</td> <td>0,07</td> </tr> </table> <ul style="list-style-type: none"> <li>Book chapter:</li> </ul> <table border="1"> <tr> <td></td> <td>High Value</td> <td>0,07</td> </tr> <tr> <td></td> <td>Medium Value</td> <td>0,05</td> </tr> <tr> <td></td> <td>Low Value</td> <td>0,02</td> </tr> </table> <ul style="list-style-type: none"> <li>Chapter - Book/Monograph in a publishing house not included in SPI or IE-CSIC: 0.01 point.</li> <li>Book chapter from a publisher not included in SPI or IE-CSIC: 0.005 points.</li> </ul>				High Value	0,12		Medium Value	0,10		Low Value	0,07		High Value	0,07		Medium Value	0,05		Low Value	0,02						
	High Value	0,12																								
	Medium Value	0,10																								
	Low Value	0,07																								
	High Value	0,07																								
	Medium Value	0,05																								
	Low Value	0,02																								
<p>3. Communications to congresses/research posters:</p> <p>Only contributions to congresses with a clear scientific character will be taken into account. Any publication resulting from these communications will not be considered as additional merit. The international character of the Congress must be sufficiently accredited. Congresses will be considered international if a) they are organized by international institutions and/or organizations or b) they simultaneously fulfill the</p>		<p>Max. 0,20 points</p>																								



<p>following conditions: at least 25% of the members of the organizing committee/scientific committee (one of the two) are of international origin and at least 25% of the speakers are of international origin. Congresses that do not prove their international character will be considered as national.</p> <p>(A maximum of 2 contributions in the form of communications/posters will be valued and the indicators of relevance and quality of the contribution, the role of the candidate according to the CRediT scale and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).</p>		
<b>3.a) International</b>		
	Poster	0,05
	Oral communication (defense)	0,07
	Written communication	0,07
<b>3.b) National</b>		
	Poster	0,025
	Oral communication (defense)	0,035
	Written communication	0,035
<p><b>Prestigious exhibitions and designs</b></p> <p>(A maximum of 2 contributions in the form of artistic production will be valued and the indicators of relevance and quality of the contribution, the role of the candidate and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).</p>		<b>Max. 0,4 points</b>
<p><b>Exhibitions of recognized prestige.</b></p>		
<p><b>4.a) Made in public or private exhibition spaces of non-international scope.</b></p> <ul style="list-style-type: none"> <li>• Catalog editing and/or curatorship.</li> <li>• With repercussion in the national specialized media (of the country where the space is located).</li> </ul>	Individual	0,15
	Collective	0,10
<b>4.b) Carried out in national public or private</b>	Individual	0,05



<b>exhibition spaces.</b> <ul style="list-style-type: none"> <li>• Catalog editing and curatorship.</li> <li>• With repercussions in the national specialized media</li> </ul>	Collective	0,025
<b>4.c) Performed in public or private spaces with artists from outside its territorial sphere of influence.</b> <ul style="list-style-type: none"> <li>• Catalog editing and curatorship.</li> </ul>	Individual	0,025
	Collective	0.015
<b>4.d) Exhibits that do not meet the above criteria</b>	Individual	0,01
	Collective	
<b>5.Design of artistic, graphic, product and other projects..</b>		
<ul style="list-style-type: none"> <li>• <b>5.a) For public or private bodies or companies with international or national repercussions</b></li> <li>• With technical project or serialized editions or catalog edition.</li> <li>• Repercussion in the general or specialized media..</li> </ul>		0,10
<b>5.b) For public or private bodies or companies with regional or local repercussions</b> <ul style="list-style-type: none"> <li>• With technical project or serial editions or catalog edition.</li> <li>• Repercussion in the general or specialized media.</li> </ul>		0,02
<b>5.c) Designs that do not meet the above criteria</b>		0,01
<b>6. Other relevant merits (*)</b>		<b>Max. 0,6 points</b>
<b>6. a) Extraordinary undergraduate or graduate degree award</b>		0,25
<b>6. b) National School Leaving Award</b>		1st Place: 0.25 points 2nd Place: 0.15 points 3rd Place: 0.10 points
<b>6. c) Ministry Collaboration and CSIC Research Initiation Grant</b>		0,5
<b>6. d) Aid for Research Initiation of the UMU Research Promotion Plan.</b>		0,3/ grant
<b>e) Official Master's Degree, other than the one required to submit the application and with which the applicant is going to access the doctoral program.</b>  <b>(To consider this merit, proof of the master's degree for access to the doctorate must be provided in the REMARKS section).</b>		0,2



6. f) Bachelor's degree, degree or engineering degree, other than the one required to submit the application.	0,2
6. g) Aid obtained in any of the following international mobility programs: Erasmus + (Studies, Internships or International Mobility), ILA, ISEP or University of Murcia Bilateral Agreements Program.	0.1 points for each full month of benefit.
6. h) Student Intern (The justification of this merit must be included in the REMARKS section)	0.025 points per year



**SCALE II - RESEARCH DIRECTOR PERSONNEL (Maximum 1.00 point):**

1.-	<b>Research publications from January 1, 2013 to the present: articles, monographs in journals, books and chapters in PAGE Weighted x 0.2.</b>  <b>IMPORTANT</b> (apply in the calculations correction factor of position in the Area and of authors)	<u>(max. 0.5 points)</u>
1.1.	<b>Publications in scientific journals</b>	
	<b>a) Journals classified in ISI.</b> Journals included in SCIE, SSCI, AHCI (Science Citation Index Science Citation Index Extended, Social Science Citation Index, Art & Humanities Citation Index) taken from the WOS Journal Citation Reports (JCR) database for the latest year available at the time of publication of this call  ( <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> ).	
	First quartile	0,45
	Second quartile	0,35
	Third quartile	0,25
	Fourth quartile	0,15
	<sup>a</sup> If in the first decile	+0,1
	Publications in Nature or Science	+0,45
	<b>b) Journals classified in CitEc, SCIMAGO (classified by factor H and other than H=zero), ERIH and CORE A+ and A. Social and legal science journals with factor H ≠ 0 collected in Google Scholar Metrics.</b>  <b>H ≠ 0 collected in Google Scholar Metrics.</b> Taken from the list of the last year available at the time of publication of this call for papers. ( <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> )	
	First quartile	0,35
	Second quartile	0,30
	Third quartile	0,20
	Fourth quartile	0,10





<b>c) Journals classified in IN-RECS, RESH and IN-RECJ</b>		
	First quartile	0,15
	Second quartile	0,125
	Third quartile	0,075
	Fourth quartile	0,0375
<b>d) Publications in conference proceedings included in the GII-GRIN-SCIE Conference Rating (<a href="http://www.scie.es/gii-grin-scie-rating/">http://www.scie.es/gii-grin-scie-rating/</a>) (Proof of publication must be attached).</b>		
	Class 1	0,40
	Class 2	0,20
<p><b>Note:</b> For publications that cannot be classified as research articles, such as: short notes, clinical cases, taxonomic classifications, reviews in humanities, translations and annotated editions, forewords to scientific publications, letters to the editor or similar, specific comments to standards with less than 10 pages, they will be evaluated according to the repertoire of journals and quartile and their value in points will be divided by 4.</p>		
<b>1.2. Research books and book chapters</b>		
Books are understood to be those publications directly related to research or creative topics that have a legal deposit and ISBN. Therefore, texts, notes, etc., more directly related to teaching are excluded.		
<b>1.2.1. For the areas of <u>Mathematics, Experimental Sciences, Health Sciences and Technical Education</u>:</b>		
<b>a) Books in foreign publishers appearing in lists such as the Book Citation Index</b>		
	For authorship	0,6 <sup>a</sup>
	For book chapter (maximum 0.4 points per book)	0,15 <sup>a,**</sup>
	Per edition (collective works)	0,2 <sup>a</sup>
<b>b) Books in Spanish publishing houses that appear in lists such as the Book Citation Index.</b>		
	For authorship	0,4
	For book chapter (maximum 0.30 points per book)	0,1
	Per edition (collective works)	0,1



c) Books in other publishers other than those mentioned above:		
	For authorship	0,1
	For book chapter (maximum 0.12 points per book)	0,03
	Per edition (collective works)	0,05
1.2.2. For the areas of Humanities, Social Sciences, Economic Sciences and Legal Sciences		
a) Books in publishing houses (national or foreign) with priority ICEE (first quartile) that appear in the SPI list corresponding to each discipline.		
	By authorship	0,6 <sup>a</sup>
	By book chapter	0,15 <sup>a, **</sup>
	By systematic commentary to standards (no. pages > 10)	0,15 <sup>a, **</sup>
	By edition (collective works)	0,2 <sup>a</sup>
b) Books in publishers (national or foreign) with priority ICEE (second to fourth quartile) that appear in the SPI list corresponding to each discipline.		
	By authorship	0,4
	By book chapter	0,1 <sup>***</sup>
	By systematic commentary to standards (no. pages > 10)	0,1 <sup>***</sup>
	By edition (collective works)	0,1
c) Books in other publishers other than those mentioned above and appearing in DIALNET		
	By authorship	0,075
	By book chapter	0,03
	By edition (collective works)	0,03
<sup>a</sup> 0.08 points will be added for each monograph published by prestigious publishers in each Area. The 0.08 points will be divided by the number of authors.		
<sup>**</sup> Up to a maximum of 0.4 points for chapters or comments to standards contained in the same book.		
<sup>***</sup> Up to a maximum of 0.20 points for chapters or comments to standards contained in the same book.		



<b>1.3.</b>	<b>Exhibitions of recognized prestige</b>		
	a) Individuals		
		International and National	0,22
	b) Collective		
		International	0,15
		National	0,10
<b>2</b>	<b>Participation in research projects, contracts Art. 60 of the LOSU and Research Agreements. Registration and exploitation of patents. Weighted x 0.2.</b>		<b>(max. 0.5 points)</b>
	A Research Project is understood to be one that links the researcher to a research organization and is included in the PAGINA program. These projects will be financed, to a greater or lesser extent, by a Public Body and will have been subjected to a scientific and/or technical evaluation process before being awarded. If several researchers participate in the Project, each of them will receive a proportional share according to the number of researchers participating in the Project.		
<b>2.1.</b>	<b>Participation in research projects financed through competitive public calls for proposals during the last 6 years and which are listed on PAGE</b>		
	<b>IMPORTANT</b> (apply Principal Investigator and International Calls correction factor in the calculations).		
	a) Regional		
		Participation as members of the group:	1
		PI of the project:	+0,75
		If it is a call for excellence group:	+1,5
	b) National		
		Participation as members of the group:	2
		PI of the project:	+1,5
	c) European (Framework Program)		
		Participation as members of the group:	2
		PI of the project	+1,5
	d) Other competitive (Networks, Integrated Actions, International Cooperation Project with research activities...)		



	Participation as group members	0,7
	Project IP	+0,3
<b>2.2.</b>	<b>Participation in contracts Art. 60 of the LOSU and Research Agreements financed by the administration or private companies during the last 6 years and that appear on PAGE</b>	
	<b>IMPORTANT (apply Principal Investigator correction factor in the calculations).</b>	
	For each contract with an amount (*) of:	
	<30.000 €:	0,5
	30.000 - 60.000 €	1
	>60.000 €:	1,5
	<i>For each project where you have been principal investigator</i>	X 2
<b>2.3</b>	<b>Registration and exploitation of patents or registered computer programs listed on the PAGE</b>	
	a) Patents	
	National: year of application:	0,07
	International Extension: year of application:	0,12
	b) Other industrial property registrations and registered computer programs:	
	National: year of application:	0,035
	International Extension:	0,06
	c) For each license in operation:	
	< 30.000 euros	0,05
	> 30.000 euros	0,15

(\*) Applicable only to amounts actually collected

<b>3.-</b>	<b>For direction of Doctoral Theses in the last 6 years and participation in Official Postgraduate Programs. Weighted x 0.2</b>	<b><u>(max. 0.1 points)</u></b>
	* For each Doctoral Thesis awarded with Extraordinary Prize and European or International Mention	0,75 <b>points</b>
	* For each Doctoral Thesis awarded the Extraordinary Prize	0,5 <b>points</b>
	* For each Doctoral Thesis directed with European, International or Industrial Doctorate Mention	0,5 <b>points</b>



	* For each Doctoral Thesis supervised without mention of European or International Doctorate or Extraordinary Award	0,25 <u>points</u>
4.-	<b>By Contrasting Research Experience.</b>	<u>(máx. 0,5 points)</u>
	* For each six-year period of recognized research at UM	0,1 <u>points</u>

**Mathematics area:**

In international: Springer, World Scientific, Cambridge University Press, Birkhauser, Amer. Math. Soc., Elsevier, Oxford University Press, European Math. Soc.

National: CSIC, RSME

**Experimental Sciences Area:** Academic Press, Cambridge University Press, Elsevier, Kluwer, Oxford Press, Science, Springer Verlag, Taylor and Francis, Thompson Reuters, Wiley (John Wiley and Sons)

**Health Sciences Area:** Academic Press, Cambridge University Press, Elsevier, Kluwer, Oxford Press, Science, Springer Verlag, Taylor and Francis, Thompson Reuters, Wiley (John Wiley and Sons)

**Technical Education Area:** Cambridge University Press, MIT Press, Springer, Academic Press, CRC Press, IEEE, IOSPress, McGraw-Hill, Adison Weasly/Pearson, IGI Global.

**Economics:** Oxford University Press, Cambridge University Press, Springer, Edward Elgar, Routledge, John Wiley and Sons, Elsevier, McGraw-Hill, MIT Press, Pearson Education.

**Humanities:** the top 10 (national or foreign) with the highest ICEE in the SPI ranking for each discipline (<http://epuc.cchs.csic.es/SPI/disciplinas.php>).

**Social Sciences:** the top 10 (national or foreign) in the SPI ranking for each discipline (<http://epuc.cchs.csic.es/SPI/disciplinas.php>).

**Legal Sciences Area:**

- National: Tirant lo Blanch, Aranzadi, Marcial Pons, Tecnos.

- Foreign: Thompson Reuters, Oxford University Press, Cambridge University Press, Wolters Kluwer, Giuffrè



**ANNEX II:**

**SCALE I - MODALITY B CANDIDATES (Maximum 8 points):**

	Valores
Weighted academic record of the studies that give access x 0.7.	<u>(Max. 7.00 points)</u>
Additional merits of the applicant	<u>(Max. 1.00 points)</u>
They will be evaluated according to the following scores: (A maximum of 2 contributions in the form of articles, and books or book chapters will be valued and the indicators of relevance and quality of the contribution, the role of the candidate according to the CRediT scale and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).	Max. 0.4 points
<b>1. Artículos de Investigación publicados: (con ISSN o DOI)</b>	
<b>1.a) Journals classified in the JCR in SCIE and in JCR SSCI (Science Citation Index Extended, Social Science Citation Index) or in the list of Art &amp; Humanities Citation Index.</b>  Journals included in SCIE, SSCI, AHCI (Science Citation Index Extended, Social Science Citation Index, Art & Humanities Citation Index) taken from the WOS Main Collection database. For SCIE and SSCI consult the Impact Factor of the JCR (Journal Citation Reports), in the year of publication of the article, or if the date is later, consult the last year available at the time of publication of this call.  <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> ).	
	0,20 <sup>a</sup>
First quartile	0,15
Second quartile	0,10
Third quartile	0,05
Fourth quartile	0,15
Publications in A&HCI	0,05
Publications in SSCI and SCIE (not included in JCR)	+0,10
<sup>a</sup> If you are in the first decile	+0,15
Publications in Nature or Science	



**1.b) Journals classified in CAPES A1, A2, B1, B2, or in CARHUS PLUS A, B, C and D, or in CIRC A+, A, B, C, or in CORE A+ and A, or in ERIH PLUS, or in ESCI, or in MIAR (ICDS between 6 and 11), or in SJR Scimago Journal Rank (Quartiles).**

Consult the year of publication of the article, or if the date is later, consult the last year available at the time of publication of this call for papers.

(<http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios>)

First quartile in SJR, or included in CAPES A1, or in CARHUS Plus A, CIRC A+, CORE A+, MIAR ICDS = >9.	0,10
Second quartile in SJR, or included in CAPES A2, or in CARHUS Plus B, CIRC A, CORE A, MIAR ICDS => 8 and <9.	0,07
Third quartile in SJR, or included in CAPES B1, CARHUS Plus C, CIRC B, ERIH PLUS, MIAR ICDS =>7 and <8.	0,05
Fourth quartile	0,03

**1.c) Journals classified in CitEc, or in CUIDEN Citation, or in Dialnet Metrics, or in Ranking of Spanish Scientific Journals of Humanities and Social Sciences with the FECYT seal of quality.**

First quartile	0,07
Second quartile	0,05
Third quartile	0,03
Fourth quartile	0,02

**1.d) Publications in conference proceedings included in the GII-GRIN-SCIE Conference Ratings (<http://www.scie.es/gii-grin-scie-rating/>)**

Class 1	0,20
Class 2	0,15

**1.e) Journals not classified in the previous sections and that meet at least 30 standard quality criteria in the Latindex Catalog.**

For each item	0,01
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<b>1. Published books and chapters of research books.</b>	
Books are understood to be those publications directly related to	



research or creative topics that have a legal deposit and ISBN. Therefore, texts, notes, etc., more directly related to teaching are excluded.

(BCI and SPI valuation should preferably be used, using IE-CSIC only in those cases where the former cannot be used).

2. a) For publishers included in BCI, the score will be the score corresponding to that shown for the First quartile of the scores, as detailed below, for publishers included in SPI (by discipline):

- Book/Monography:

	First international quartile	0,25
	Second international quartile or first national quartile	0,20
	Third international quartile or second national quartile	0,15
	Fourth international quartile or rest of national quartiles	0,10

- Book chapter:

	First international quartile	0,15
	Second international quartile or first national quartile	0,10
	Third international quartile or second national quartile	0,05
	Fourth international quartile or rest of national quartiles	0,03

2. b) Publisher included in IE-CSIC:

- Book/Monography:

	High Value	0,12
	Medium Value	0,10
	Low Value	0,07

- Book chapter:

	High Value	0,07
	Medium Value	0,05





	Low Value	0,02
<ul style="list-style-type: none"> <li>• Book/Monograph in a publishing house not included in SPI or IE-CSIC: 0.01 point.</li> <li>• Book chapter in a publisher not included in SPI or IE-CSIC: 0.005 points.</li> </ul>		
<p><b>3. Communications to congresses/research posters: only contributions to congresses with a clear scientific character will be taken into account.</b></p> <p>Any publication resulting from these communications will not be considered as additional merit.</p> <p>The international character of the Congress must be sufficiently demonstrated. Congresses will be considered international if a) they are organized by international institutions and/or organizations or b) they simultaneously meet the following conditions: at least 25% of the members of the organizing committee/scientific committee (one of the two) are of international origin and at least 25% of the speakers are of international origin. Congresses that do not prove their international character will be considered as national.</p> <p>(A maximum of 2 contributions in the form of communications/posters will be valued and the indicators of relevance and quality of the contribution, the role of the candidate according to the CRediT scale and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).</p>		max. 0.20 points
<b>3.a) International</b>		
	Poster	0,05
	Oral communication (defense)	0,07
	Written communication	0,07
<b>3.b) National</b>		
	Poster	0,025
	Oral communication (defense)	0,035
	Written communication	0,035
<p><b>Prestigious exhibitions and designs</b></p> <p>(A maximum of 2 contributions in the form of artistic production will</p>		max. 0.4 points



be valued and the indicators of relevance and quality of the contribution, the role of the candidate and the justification of alignment with the doctoral thesis project to be carried out will be described in narrative form).		
<b>4 Exhibitions of recognized prestige.</b>		
<b>4.a) Made in public or private exhibition spaces of non-international scope.</b> <ul style="list-style-type: none"><li>• Catalog edition and/or curatorship.</li><li>• With repercussion in the national specialized media (of the country where the space is located).</li></ul>	Individual	0,15
	Collective	0,10
<b>4.b) Carried out in national public or private exhibition spaces.</b> <ul style="list-style-type: none"><li>• Catalog edition and curatorship.</li><li>• With repercussion in the national specialized media.</li></ul>	Individual	0,05
	Collective	0,025
<b>4.c) Performed in public or private spaces with artists from outside its territorial sphere of influence.</b> <ul style="list-style-type: none"><li>• Catalog edition and curatorship.</li></ul>	Individual	0,025
	Collective	0,015
<b>4.d) Exhibits that do not meet the above criteria</b>	Individual or Collective	0,01
<b>5.Design of artistic, graphic, product and other projects.</b>		
<b>5.a) For public or private bodies or companies with international or national repercussions</b> <ul style="list-style-type: none"><li>• With technical project or serial editions or catalog edition.</li><li>• Repercussion in general or specialized media.</li></ul>		0,10
<b>5.b) For public or private bodies or companies with regional or local repercussions</b> <ul style="list-style-type: none"><li>• With technical project or serial editions or catalog edition.</li><li>• Repercussion in the general or specialized media.</li></ul>		0,02
<b>5.c) Designs that do not meet the above criteria</b>		0,01
<b>6. Other relevant merits (*)</b>		<b>max. 0.6 points</b>



6. a) Extraordinary undergraduate or graduate degree award	0,25
6. b) National Graduate Award	1st Place: 0.25 points 2nd Place: 0.15 points 3rd Place: 0.10 points
6. c) Ministry Collaboration and CSIC Research Initiation Grant	0,5
6. d) Aid for Research Initiation of the UMU Research Promotion Plan.	0,3/ Assistance
6. e) Official Master's Degree, other than the one required to submit the application and with which the applicant is going to access the doctoral program.  (To consider this merit, justification of the master's degree of access to the doctorate must be provided in the section REMARKS).	0,2
f) Bachelor's degree, degree or engineering degree, other than the one required to submit the application	0,2
6. g) Aid obtained in any of the following international mobility programs: Erasmus + (Studies, Internships or International Mobility), ILA, ISEP or University of Murcia Bilateral Agreements Program.	0.1 point for each full month of benefit.
6. h) Student Intern  (The justification of this merit must be included in the REMARKS section)	0.025 per year



**SCALE II - RESEARCH DIRECTOR PERSONNEL (Maximum 1.00 point):**

1.-	Research publications from January 1, 2013 to the present: articles, monographs in journals, books and chapters in PAGE Weighted x 0.2. <b>IMPORTANT</b> (apply in the calculations correction factor of position in the Area and of authors)	(máx. 0,5 puntos)
1.1.	Publications in scientific journals	
	a) Journals classified in ISI. Journals included in SCIE, SSCI, AHCI (Science Citation Index Science Citation Index Extended, Social Science Citation Index, Art & Humanities Citation Index) taken from the WOS Journal Citation Reports (JCR) database for the last year available at the time of publication of this call. ( <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> )	
	First quartile a	0,45 <sup>a</sup>
	Second quartile	0,35
	Third quartile	0,25
	Fourth quartile	0,15
	<sup>a</sup> If in the first decile	+0,1
	Publications in Nature or Science	+0,45
	b) Journals classified in CitEc, SCIMAGO (classified by factor H and other than H=zero), ERIH and CORE A+ and A. Social and legal science journals with factor H ≠ 0 included in Google Scholar Metrics. Taken from the list of the last year available at the time of publication of this call for papers. ( <a href="http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios">http://www.um.es/web/biblioteca/contenido/servicios-investigacion/acreditacion-y-sexenios</a> )	
	First quartile	0,35
	Second quartile	0,30
	Third quartile	0,20
	Fourth quartile	0,10
	c) Journals classified in IN-RECS, RESH and IN-RECJ	
	First quartile	0,15
	Second quartile	0,125



	Third quartile	0,075
	Fourth quartile	0,0375
<b>d) Publications in conference proceedings included in the GII-GRIN-SCIE Conference Rating (<a href="http://www.scie.es/gii-grin-scie-rating/">http://www.scie.es/gii-grin-scie-rating/</a>) (Proof of publication must be attached).</b>		
	Class 1	0,40
	Class 2	0,20
<p><b>Note:</b> For publications that cannot be classified as research articles, such as: short notes, clinical cases, taxonomic classifications, reviews in humanities, translations and annotated editions, forewords of scientific publications, letters to the editor or similar, specific comments to standards with less than 10 pages, they will be evaluated according to the repertoire of journals and quartile and their value in points will be divided by 4.</p>		
<b>1.2. Research books and book chapters</b>		
Books are understood to be those publications directly related to research or creative topics that have a legal deposit and ISBN. Therefore, texts, notes, etc., more directly related to teaching are excluded.		
<b>1.2 1. For the areas of Mathematics, Experimental Sciences, Health Sciences and Technical Education:</b>		
a) Books in foreign publishers appearing in lists such as the Book Citation Index		
	For authorship	0,6 <sup>a</sup>
	For book chapter (maximum 0.4 points per book)	0,15 <sup>a,**</sup>
	Per edition (collective works)	0,2 <sup>a</sup>
b) Books in Spanish publishing houses that appear in lists such as the Book Citation Index.		
	For authorship	0,4
	For book chapter (maximum 0.30 points per book)	0,1
	Per edition (collective works)	0,1
c) Books in other publishers other than those mentioned above:		
	For authorship	0,1
	Per book chapter (maximum 0.12 points per book)	0,03



	Per edition (collective works)	0,05
1.2.2. For the areas of Humanities, Social Sciences, Economic Sciences and Legal Sciences		
a) Books in publishing houses (national or foreign) with priority ICEE (first quartile) that appear in the SPI list corresponding to each discipline.		
	By authorship	0,6 <sup>a</sup>
	By book chapter	0,15 <sup>a, **</sup>
	By systematic commentary to standards (nº. pages > 10)	0,15 <sup>a, **</sup>
	By edition (collective works)	0,2 <sup>a</sup>
b) Books in publishers (national or foreign) with priority ICEE (second to fourth quartile) that appear in the SPI list corresponding to each discipline.		
	By authorship	0,4
	By book chapter	0,1 <sup>***</sup>
	By systematic commentary to standards (nº. pages > 10)	0,1 <sup>***</sup>
c) Books in other publishers other than those mentioned above and appearing in DIALNET		
	By edition (collective works)	0,1
	By authorship	0,075
	By book chapter	0,03
	By edition (collective works)	0,03
	<sup>a</sup> 0.08 points will be added for each monograph published in prestigious publishing houses in each Area. The 0.08 points will be divided by the number of authors.	
	<sup>**</sup> Up to a maximum of 0.4 points for chapters or commentaries on standards included in the same book.	
	<sup>***</sup> Up to a maximum of 0.20 points for chapters or comments to standards included in the same book.	



<b>1.3. Exhibitions of recognized prestige</b>		
c) Individuals		
	International and National	0,22
d) Collective		
	International	0,15
	National	0,10
<b>2 Participation in research projects, contracts Art. 60 of the LOSU and Research Agreements. Registration and exploitation of patents. Weighted x 0.2.</b>	<b>(max. 0.5 points)</b>	
<p>A Research Project is understood as one that links the researcher with a research organization and is included in the PÁGINA program. These projects will be financed, to a greater or lesser extent, by a Public Body and will have been subjected to a scientific and/or technical evaluation process before being awarded. If several researchers participate in the Project, each of them will receive a proportional share according to the number of researchers participating in the Project.</p>		
<b>2.1. Participation in research projects financed through competitive public calls for proposals during the last 6 years and which are listed on PAGE</b>		
<b>IMPORTANT</b> (apply Principal Investigator and International Calls correction factor in the calculations).		
a) Regional		
	Participación como miembros del grupo:	1
	IP del proyecto:	+0,75
	Si es convocatoria grupo de excelencia:	+1,5
b) National		
	Participación como miembros del grupo:	2
	IP del proyecto:	+1,5
c) European (Framework Program)		
	Participación como miembros del grupo:	2
	IP del proyecto	+1,5
d) Other competitive (Networks, Integrated Actions, International Cooperation Project with		



	research activities...)	
	Participation as members of the group	0,7
	Project PI	+0,3
<b>2.2.</b>	<b>Participation in contracts Art. 60 of the LOSU and Research Agreements financed by the administration or private companies during the last 6 years and that appear on PAGE</b>	
	<b>IMPORTANT</b> (apply Principal Investigator correction factor in the calculations).	
	For each contract with an amount (*) of:	
	<30.000 €:	
	30.000 - 60.000 €	
	>60.000 €:	
	For each project where you have been principal investigator	
<b>2.3.</b>	<b>Registration and exploitation of patents or registered computer programs listed on the PAGE</b>	
	a) Patents	
	National: year of application:	0,07
	International Extension: year of application:	0,12
	(b) Other industrial property registrations and registered computer programs:	
	National: year of application:	0,035
	International Extension:	0,06
	(c) For each license in exploitation:	
	< 30,000 euros	0,05
	> 30,000 euros	0,15

(\*) Applicable only to amounts actually collected.

<b>3.-</b>	<b>For direction of Doctoral Theses in the last 6 years and participation in Official Postgraduate Programs. Weighted x 0.2</b>	<b>(max. 0.1 points)</b>
	* For each Doctoral Thesis directed with Extraordinary Prize and European or International Mention.	0,75 points





	* For each Doctoral Thesis awarded with an Extraordinary Award	0,5 points
	* For each Doctoral Thesis supervised with a European, International or Industrial Doctorate mention.	0,5 points
	* For each Doctoral Thesis supervised without a European or International Doctorate or Extraordinary Award	0,25 points
4.-	<b>By Contrasting Research Experience.</b>	<b>(max. 0,5 points)</b>
	* For each six-year period of recognized research at UM	0,1 points

<sup>2</sup> **Area of Mathematics:**

In international: Springer, World Scientific, Cambridge University Press, Birkhauser, Amer. Math. Soc., Elsevier, Oxford University Press, European Math. Soc.

National: CSIC, RSME

**Experimental Sciences Area:** Academic Press, Cambridge University Press, Elsevier, Kluwer, Oxford Press, Science. Springer Verlag, Taylor and Francis, Thompson Reuters, Wiley (John Wiley and Sons)

**Health Sciences Area:** Academic Press, Cambridge University Press, Elsevier, Kluwer, Oxford Press, Science. Springer Verlag, Taylor and Francis, Thompson Reuters, Wiley (John Wiley and Sons)

**Technical Education Area:** Cambridge University Press, MIT Press, Springer, Academic Press, CRC Press, IEEE, IOSPress, McGraw-Hill, Adison Weasly/Pearson, IGI Global.

**Economics:** Oxford University Press, Cambridge University Press, Springer, Edward Elgar, Routledge, John Wiley and Sons, Elsevier, McGraw-Hill, MIT Press, Pearson Education.

**Humanities:** the top 10 (national or foreign) with the highest ICEE in the SPI ranking for each discipline (<http://epuc.cchs.csic.es/SPI/disciplinas.php>).

**Social Sciences:** the top 10 (national or foreign) in the SPI ranking for each discipline (<http://epuc.cchs.csic.es/SPI/disciplinas.php>).

**Area of Legal Sciences:**

- National: Tirant lo Blanch, Aranzadi, Marcial Pons, Tecnos.

- Foreign: Thompson Reuters, Oxford University Press, Cambridge University Press, Wolters Kluwer, Giuffrè



**SCALE III - INTEREST AND ENGAGEMENT BY THE MODALITY B COMPANY (Maximum 1.00 point):**

<b>1</b>	<b>Assessment of specific interest for the entity and the innovation capability and transference of results produced during research</b>	<b><u>(Max. 0.4 points)</u></b>
<b>2</b>	<b>If the company is a EBT/EICNT holding by UMU or has an active chair with UMU</b>	<b><u>0.2 points.</u></b>
<b>3</b>	<b>Participation in Article 60 of Organic Law on University System and Research Agreements with the University of Murcia in the last 6 years recorded in PÁGINA.</b>	<b><u>(Max. 0.3 points)</u></b>
	For each contract for amount (*) of:	
	<10.000 €:	0,1
	>10.000 €:	0,2
<b>4</b>	<b>The Tutor holding a doctorate degree in the company</b>	<b><u>0.1 points.</u></b>

(\*) Only applicable to amounts effectively collected.



### CO-FUNDING COMMITMENT

Mr/Ms [...], holder of identity document numbered [...], in representation of the entity [*company name*], with registered address at [...] and assigned VAT Regd. No. [...], in view of [*legal title enabling representation and dates of appointment and acceptance, deed, where applicable, etc.*], hereby declares under his/her responsibility that the entity [*company name*], agrees to co-finance the “Modality B” pre-doctoral contract of Mr/Ms [...], in the event of him/her being awarded the contract in view of the resolution of [...], and in accordance with Section 2 of Rule Five and Sections 2 and following of Rule Nine of the aforementioned call for applications, and commits to the University of Murcia to:

1. Funding of [...] percent of the full contract cost through the entire contract duration period.

In view of the foregoing, the unit costs per year of each contract, on which this co-financing commitment is based, is shown in the following table.

Year	Unit cost (€) for the pre-doctoral contract during the four yearly periods	Amount (€) that is co-financed (minimum 30%)
1	26 381,57	€ per year  (This period may not exceed one year under any circumstances)
2	26 381,57	
3	27 740,55	
4	34 781,89	
<b>Total</b>	<b>115 285,58</b>	

Amounts in force on the date of publication of this call

2. Make the relevant payments in favour of the University of Murcia by bank transfer, under the terms and at the regularity provided for in the business collaboration agreement form in Annex IV of the call for applications, which will be undersigned by the parties in the event of Mr/Ms [...] being awarded a Modality B pre-doctoral contract.

In [*city/town*], on

[*date*] Mr/Ms.



STANDARD FORMAT/TEMPLATE

**BUSINESS COLLABORATION AGREEMENT IN ACTIVITIES OF GENERAL INTEREST SIGNED BY  
THE COMPANY... AND THE UNIVERSITY OF MURCIA**

In Murcia, on [...] of [...] 20[...]

**BY AND BETWEEN**

For one party, Mr. José Luján Alcaraz, Rector of the University of Murcia, who is acting in name and representation of the University in view of the vested powers inherent to his appointment, verified by Decree No. 34/2018, of 13<sup>th</sup> April, by the Board of Governors of the Autonomous Community of the Region of Murcia (Official Journal of the Region of Murcia No. 85/2018, of 14<sup>th</sup> April), and in accordance with the competences conferred to him through Articles 20 of Organic Law 6/2001 of 21<sup>st</sup> December on Universities, and 42 of the Statutes of the University of Murcia, approved by Decree No. 85/2004, of 27<sup>th</sup> August by the Board of Governors of the Autonomous Community of the Region of Murcia (Official Journal of the Region of Murcia No. 207/2004, of 6<sup>th</sup> September).

For the other party, Mr/Ms [...], [*position*] representing the entity [*company name*], with registered address at [...] assigned VAT Regd. No. [...], who is acting in view of the *[[legal title enabling representation and dates of appointment and acceptance, deed, where applicable, etc.].*

**THEY HEREBY STATE**

I. Whereas, the University of Murcia is a Spanish public University, governed in accordance with Organic Law 6/2001 of 21<sup>st</sup> December on Universities. The University's statutes state that its action must be in line with the principles of participation, an inter-disciplinary approach and pluralism, striving to ensure relations with the regional, national and international environment, and also cooperation with other research or higher education institutions. Owing to its legal nature, the University of Murcia is included among the beneficiary entities of patronage listed in article 16 of Law 49/2002 of 23<sup>rd</sup> December, on the Fiscal Regime of Non-Profit Entities and Fiscal Incentives for Patronage.

II. Whereas, the doctoral thesis of Mr/Ms [---] is to be carried out within the framework of the Doctorate Programme [...], managed by the International Doctorate School of the University of Murcia under the direction of Dr. [...].

III. Whereas, [*company name*] has stated its wishes to collaborate in the training activity of the research personnel at the University of Murcia, under the terms envisaged for Modality B



in the *Pre- Doctoral Contracts within the University Plan for Promotion of Research at the University of Murcia for 2025*, through co-financing and proposal of own personnel for tutorship or joint direction of the doctoral thesis titled [...].

IV. Whereas, for the said purposes, the parties hereby agree to enter into this business collaboration agreement in activities of general interest, in accordance with the regime established in Article 25 and concordant of Law 49/2002 of 23<sup>rd</sup> December on the fiscal regime of non-profit entities and fiscal incentives for patronage

In view of the foregoing, the parties hereby formalise this agreement subject to the following

## CLAUSES

### One: Objective of the agreement.

The business collaboration agreement in activities of general interest has the objective of participation by [entity] in the financing of the “Modality B” pre-doctoral contract which, where applicable, is assigned to Mr/Ms [...]

In order to fulfil the said objective [entity] hereby undertakes the commitment of making the financial contribution defined in Clause Four.

The University of Murcia, hereby undertakes to disseminate participation by [entity] in the activity described in paragraph one, under the terms established in Clause Five.

### Two: Legal nature.

This agreement is a business collaboration agreement in activities of general interest, in accordance with the provisions of Article 25 and concordant of Law 49/2002 of 23<sup>rd</sup> December, on the Fiscal Regime of Non-Profit Entities and Fiscal Incentives for Patronage.

It must not be considered as an agreement pursuing the purposes of publicity sponsorship as regulated in Article 22 of Law 34/1988 of 11<sup>th</sup> November, on General Publicity. For the said purpose, dissemination of participation by [entity] in the activity comprising the objective of this agreement, shall not be construed as service providing.

### Three: Financial contribution.

1. ...., with the purpose expressed in the previous clauses and maintaining the conditions under which it signs this agreement, will make a financial contribution of ..... Euros to the University of Murcia, by bank transfer to the account indicated for this purpose by the University, upon signing this agreement.



2. Once the income is received, the University of Murcia will issue the company a certification of the contribution made and will allocate the amount thereof to the financial endowment of the research project 000X, item 0000 0X 000X 000X 00000 of the University whose financial responsibility is Mr/Mrs . \_\_\_\_\_ .

Four: Dissemination of participation by [entity].

The dissemination of the participation of ..... (company) in ..... (activity) object of this agreement will be carried out as follows:

In any case, the dissemination of the participation of ..... In the activities described, the use of its logos or distinctive signs will be limited, with the advertising or dissemination of any product or service that may be provided being expressly excluded from this agreement. In this sense, and through their respective representatives in the monitoring body provided for in clause seven, it is agreed:

The commitment of the University of Murcia to refer to ..... (collaborator) all the information corresponding to the actions carried out to disseminate his participation in the activities of public interest contemplated in this agreement, and must be sent, if requested by ..... (collaborator), copy of the dossiers or press releases, photographs, posters and any other element of dissemination of the action carried out by the University of Murcia

Five: Intellectual & industrial property.

The clauses contained in this agreement do not entail cession or transfer of any intellectual or industrial property rights pertaining to either of the parties.

Any unauthorised use or use for any other purpose than established in this agreement, by either of the parties, or the use of any distinctive symbols or marks by the other shall be cause of termination of this agreement, regardless of any further action pertaining to the party suffering damages.

In the event that said use has been made by the University, it undertakes to return to ..... (collaborating company) the amount of the contributions made and, all of this, without prejudice to the corresponding compensation for damages to that may ensue.

Six. Mechanisms for monitoring, surveillance and control of the execution of the agreement and the commitments acquired.

For the monitoring and coordination of this agreement, a mixed joint commission will be created made up of the following representatives:



- By the University of Murcia, Mr/Mrs. .... (name, unit/dept.)
- By the ....., Mr/Mrs. ....

The Joint Monitoring Commission will have, among others, the following functions:

- a) Prepare the appropriate procedures for the execution of this agreement.
- b) Ensure compliance with the agreed objectives, as well as the correct application of the funds provided.
- c) Clarify and decide any doubts that may arise in the development of this agreement.
- d) Present annually a Report of the actions carried out

#### Seven: Validity period.

This agreement shall be perfected and shall come into force at the moment it is signed, and shall remain in force until fulfilment of the commitments undertaken by each of the parties. Whichever the case, the duration of this agreement shall not exceed four years, notwithstanding the possibility of extensions in accordance with the provisions established in Article 49 of Law 40/2015 of 1<sup>st</sup> October on the Legal Regime of the Public Sector.

#### Eight. Resolution

In the event of non-compliance with the obligations and commitments assumed by one of the parties, the other may notify the non-compliant party of a requirement to comply within a period of three months with the obligations or commitments that are considered unfulfilled. If after the period indicated in the request has elapsed, the non-compliance persists, the party that directed it will notify the concurrence of the cause for resolution and the agreement will be deemed resolved. Any of the parties, in the event of non-compliance by the opposite party, may request the corresponding compensation for damages.

The criteria to determine the possible compensation will be agreed upon within the joint monitoring committee.

In the event that the failure to comply with the commitments corresponds to the University of Murcia or to the persons or entities that it has designated to carry out the activity, the University is obliged to return to ..... the amounts received.

#### Nine. Modification of the agreement



The modification of this agreement will require express and unanimous agreement of the signatories, in accordance with the provisions of article 49.g) of Law 40/2015, of October 1, on the Legal Regime of the Public Sector, being formalized through an addendum to it.

Ten. Extinction

This agreement may be terminated, in addition to the fulfillment of the actions that constitute its object, for incurring any of the causes provided for in article 51.2 of Law 40/2015, of October 1, on the Legal Regime of the Public Sector.

For all cases of termination, the joint monitoring committee will agree on what is appropriate regarding the activities related to this agreement that are in execution. In any case, the actions and activities that are being carried out or pending must be completed within a non-extendable period agreed by the monitoring commission, after which the agreement will be subject to liquidation in the terms provided in article 52.3 of Law 40/2015.

Eleven. Ethical code

In the development of the actions that will be the subject of this Agreement, both parties assume the values of commitment, dialogue, respect and responsibility of the ethical code of the University of Murcia, approved by the Governing Council on July 1, 2016.

Twelve. Nature of the agreement and competent jurisdiction.

This agreement is administrative in nature and is governed by the provisions of Chapter VI of the Preliminary Title of Law 40/2015, of October 1, on the Legal Regime of the Public Sector.

In the event of a dispute, the parties will try to resolve any differences that may arise regarding the interpretation or compliance of this Agreement by mutual agreement, through the Joint Commission. If it is not possible to reach a satisfactory agreement within a reasonable period of time, the Judges and Courts of the contentious-administrative jurisdictional order will be considered competent.

And as proof of conformity, the parties sign this agreement, on the dates of electronic signature, taking the date of formalization of this document as the date of the last signatory.

FOR THE UNIVERSITY OF  
MURCIA

FOR [ENTITY]

José Luján Alcaraz

[...]





ANNEX V WEIGHTING COEFFICIENTS

[“GRADO” REFERS TO A BACHELOR’S DEGREES AFTER THE BOLOGNA PROCESS]

[“LICENCIADO” REFERS TO A BACHELOR’S DEGREES BEFORE THE BOLOGNA PROCESS]

Order	Branch of knowledge	Qualification	Code	COEFFICIENT
1	Art and Humanities	GRADO EN TRADUCCIÓN E INTERPRETACIÓN (TRANSLATION AND INTERPRETING)	244	0,948
2	Art and Humanities	GRADO EN ESTUDIOS INGLESES (ENGLISH STUDIES)	213	0,945
3	Art and Humanities	LICENCIADO EN TRADUCCIÓN E INTERPRETACIÓN (INGLÉS) (TRANSLATION AND INTERPRETING - ENGLISH)	158	0,944
4	Art and Humanities	GRADO EN TRADUCCIÓN E INTERPRETACIÓN (TRANSLATION AND INTERPRETING)	262	0,937
5	Arts and Humanities	GRADO EN TRADUCCIÓN E INTERPRETACIÓN (TRANSLATION AND INTERPRETING)	248	0,919
6	Art and Humanities	GRADO EN LENGUA Y LITERATURA ESPAÑOLAS (SPANISH LANGUAGE AND LITERATURE)	207	0,916
7	Art and Humanities	GRADO EN FILOLOGÍA CLÁSICA (CLASSICAL PHILOLOGY)	216	0,913
8	Art and Humanities	LICENCIADO EN TRADUCCIÓN E INTERPRETACIÓN. (FRANCÉS) (TRANSLATION AND INTERPRETING FRENCH)	161	0,913
9	Art and Humanities	GRADO EN FILOSOFÍA (PHILOSOPHY)	212	0,912
10	Art and Humanities	LICENCIADO EN FILOLOGÍA CLÁSICA (CLASSICAL PHILOLOGY)	93	0,911
11	Art and Humanities	LICENCIADO EN FILOLOGÍA INGLESA (ENGLISH PHILOLOGY)	91	0,911
12	Art and Humanities	GRADO EN HISTORIA (HISTORY)	211	0,903
13	Art and Humanities	LICENCIADO EN FILOLOGÍA HISPÁNICA (HISPANIC PHILOLOGY)	94	0,892
14	Art and Humanities	LICENCIADO EN FILOLOGÍA FRANCESA (FRENCH PHILOLOGY)	92	0,891
15	Art and Humanities	LICENCIADO EN HISTORIA (HISTORY)	95	0,881



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
16	Art and Humanities	GRADO EN ESTUDIOS FRANCESES (FRENCH STUDIES)	243	0,878
17	Art and Humanities	LICENCIADO EN BELLAS ARTES (FINE ARTS)	148	0,877
18	Art and Humanities	GRADO EN GEOGRAFIA Y ORDENACION DEL TERRITORIO (GEOGRAPHY AND TERRITORIAL PLANNING)	210	0,865
19	Art and Humanities	GRADO EN HISTORIA DEL ARTE (HISTORY OF ART)	208	0,858
20	Art and Humanities	GRADO EN BELLAS ARTES (FINE ARTS)	209	0,853
21	Art and Humanities	LICENCIADO EN HISTORIA DEL ARTE (HISTORY OF ART)	96	0,850
22	Art and Humanities	LICENCIADO EN FILOSOFÍA (PHILOSOPHY)	87	0,845
23	Art and Humanities	LICENCIADO EN GEOGRAFÍA (GEOGRAPHY)	97	0,835
24	Sciences	GRADO EN FÍSICA (PHYSICS)	233	1,000
25	Sciences	GRADO EN MATEMATICAS (MATHEMATICS)	214	0,983
26	Sciences	LICENCIADO EN FÍSICA (PHYSICS)	146	0,976
27	Sciences	GRADO EN QUÍMICA (CHEMISTRY)	215	0,966
28	Sciences	LICENCIADO EN MATEMÁTICAS (MATHS)	25	0,966
29	Sciences	GRADO EN BIOQUÍMICA (BIOCHEMISTRY)	218	0,964
30	Sciences	GRADO EN BIOTECNOLOGÍA (BIOTECHNOLOGY)	200	0,962
31	Sciences	GRADO EN BIOLOGÍA (BIOLOGY)	220	0,961
32	Sciences	LICENCIADO EN QUÍMICA (CHEMISTRY)	24	0,951
33	Sciences	LICENCIADO EN BIOLOGÍA (BIOLOGY)	131	0,939
34	Sciences	LICENCIADO EN CIENCIAS AMBIENTALES (ENVIRONMENTAL SCIENCES)	145	0,931
35	Sciences	GRADO EN CIENCIA Y TECNOLOGÍA DE LOS ALIMENTOS (FOOD SCIENCE AND TECHNOLOGY)	217	0,926



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
36	Sciences	DIPLOMADO EN ÓPTICA Y OPTOMETRÍA (OPTICS AND OPTOMETRY)	22	0,918
37	Sciences	GRADO EN CIENCIAS AMBIENTALES (ENVIRONMENTAL SCIENCES)	219	0,917
38	Health Sciences	GRADO EN FARMACIA (PHARMACY)	245	0,987
39	Health Sciences	GRADO EN MEDICINA (MEDICINE)	250	0,985
40	Health Sciences	LICENCIADO EN MEDICINA (MEDICINE)	149	0,982
41	Health Sciences	LICENCIADO EN ODONTOLOGÍA (DENTISTRY)	37	0,971
42	Health Sciences	GRADO EN ODONTOLOGÍA (DENTISTRY)	202	0,970
43	Health Sciences	GRADO EN VETERINARIA (VETERINARY)	241	0,963
44	Health Sciences	LICENCIADO EN VETERINARIA (VETERINARY SCIENCE)	42	0,963
45	Health Sciences	DIPLOMADO EN FISIOTERAPIA (DIPLOMA IN PHYSIOTHERAPY)	38	0,951
46	Health Sciences	GRADO EN PSICOLOGÍA (PSYCHOLOGY)	203	0,943
47	Health Sciences	GRADO EN FISIOTERAPIA (PHYSIOTHERAPY)	240	0,935
48	Health Sciences	DIPLOMADO EN ENFERMERÍA (DIPLOMA IN NURSING)	39	0,922
49	Health Sciences	DIPLOMADO EN ENFERMERÍA (E.U. ADSCR. C.A.) (DIPLOMA IN NURSING)	40	0,919
50	Health Sciences	GRADO EN ENFERMERÍA (MURCIA) (NURSING (MURCIA))	237	0,918
51	Health Sciences	GRADO EN NUTRICIÓN HUMANA Y DIETÉTICA (HUMAN NUTRITION AND DIETETICS)	256	0,915
52	Health Sciences	GRADO EN ENFERMERÍA (CARTAGENA) (NURSING (CARTAGENA))	238	0,909
53	Health Sciences	GRADO EN ÓPTICA Y OPTOMETRÍA (OPTICS AND OPTOMETRY)	205	0,894
54	Health Sciences	GRADO EN ENFERMERÍA (LORCA) (NURSING (LORCA))	253	0,886
55	Health Sciences	GRADO EN LOGOPEDIA (SPEECH THERAPY)	204	0,871
56	Health Sciences	DIPLOMADO EN LOGOPEDIA (SPEECH THERAPY)	163	0,870



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
57	Social and Legal Sciences	DIPLOMADO EN CIENCIAS EMPRESARIALES (DIPLOMA IN BUSINESS SCIENCES)	58	0,979
58	Social and Legal Sciences	GRADO EN ADMINISTRACIÓN Y DIRECCIÓN DE EMPRESAS (BUSINESS ADMINISTRATION AND MANAGEMENT)	231	0,970
59	Social and Legal Sciences	LICENCIADO EN ADMINISTRACIÓN Y DIRECCIÓN DE EMPRESAS (BUSINESS ADMINISTRATION AND MANAGEMENT)	55	0,968
60	Social and Legal Sciences	GRADO EN MARKETING (MARKETING)	252	0,966
61	Social and Legal Sciences	GRADO EN ECONOMÍA (ECONOMICS)	229	0,964
62	Social and Legal Sciences	LICENCIADO EN ECONOMÍA (ECONOMICS)	54	0,958
63	Social and Legal Sciences	GRADO EN CIENCIAS POLÍTICAS, GOBIERNO Y ADMINISTRACIÓN PÚBLICA (POLITICAL SCIENCES, GOVERNMENT AND PUBLIC ADMINISTRATION)	265	0,948
64	Social and Legal Sciences	GRADO EN DERECHO (LAW)	230	0,948
65	Social and Legal Sciences	LICENCIADO EN DERECHO (LAW)	71	0,948
66	Social and Legal Sciences	DIPLOMADO EN TURISMO (DIPLOMA IN TOURISM)	135	0,931
67	Social and Legal Sciences	DIPLOMADO EN GESTIÓN Y ADMINISTRACIÓN PÚBLICA (DIPLOMA IN PUBLIC ADMINISTRATION AND MANAGEMENT)	72	0,929
68	Social and Legal Sciences	GRADO EN PUBLICIDAD Y RELACIONES PÚBLICAS (PUBLICITY AND PUBLIC RELATIONS)	227	0,926
69	Social and Legal Sciences	GRADO EN CRIMINOLOGÍA (CRIMINOLOGY)	222	0,924



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
70	Social and Legal Sciences	LICENCIADO EN DOCUMENTACIÓN (DOCUMENTATION)	137	0,922
71	Social and Legal Sciences	DIPLOMADO EN RELACIONES LABORALES (DIPLOMA IN LABOUR RELATIONS)	132	0,918
72	Social and Legal Sciences	LICENCIADO EN PSICOLOGÍA (PSYCHOLOGY)	159	0,917
73	Social and Legal Sciences	MAESTRO. ESPECIALIDAD DE LENGUA EXTRANJERA (MASTER SPECIALITY IN FOREIGN LANGUAGE)	115	0,917
74	Social and Legal Sciences	GRADO EN SOCIOLOGÍA (SOCIOLOGY)	259	0,914
75	Social and Legal Sciences	GRADO EN PERIODISMO (JOURNALISM)	236	0,906
76	Social and Legal Sciences	DIPLOMADO EN TRABAJO SOCIAL (SOCIAL WORK)	60	0,905
77	Social and Legal Sciences	GRADO EN COMUNICACIÓN AUDIOVISUAL (AUDIOVISUAL COMMUNICATION)	201	0,905
78	Social and Legal Sciences	LICENCIADO EN CIENCIAS POLÍTICAS Y DE LA ADMINISTRACIÓN (POLITICAL SCIENCES AND PUBLIC ADMINISTRATION)	144	0,902
79	Social and Legal Sciences	MAESTRO: ESPECIALIDAD DE EDUCACIÓN PRIMARIA (MASTER SPECIALITY IN PRIMARY EDUCATION)	114	0,902
80	Social and Legal Sciences	GRADO EN CIENCIAS DE LA ACTIVIDAD FÍSICA Y DEL DEPORTE (PHYSICAL ACTIVITY AND SPORT)	239	0,901
81	Social and Legal Sciences	GRADO EN EDUCACIÓN PRIMARIA (PRIMARY EDUCATION)	206	0,899
82	Social and Legal Sciences	GRADO EN RELACIONES LABORALES Y RECURSOS HUMANOS (MURCIA) (LABOUR RELATIONS AND HUMAN RESOURCES (MURCIA))	234	0,895



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
83	Social and Legal Sciences	DIPLOMADO EN BIBLIOTECONOMÍA Y DOCUMENTACION (DIPLOMA IN LIBRARIANSHIP AND DOCUMENTATION)	90	0,886
84	Social and Legal Sciences	MAESTRO: ESPECIALIDAD DE EDUCACIÓN INFANTIL (MASTER SPECIALITY IN INFANT EDUCATION)	113	0,886
85	Social and Legal Sciences	GRADO EN EDUCACIÓN PRIMARIA (ISEN CARTAGENA) (PRIMARY EDUCATION(CARTAGENA))	255	0,885
86	Social and Legal Sciences	LICENCIADO EN CIENCIAS DE LA ACTIVIDAD FÍSICA Y DEL DEPORTE (PHYSICAL ACTIVITY AND SPORT)	162	0,885
87	Social and Legal Sciences	MAESTRO: ESPECIALIDAD DE EDUCACIÓN FÍSICA (MASTER SPECIALITY IN PHYSICAL EDUCATION)	116	0,883
88	Social and Legal Sciences	DIPLOMADO EN TRABAJO SOCIAL (DIPLOMA IN SOCIAL WORK)	226	0,880
89	Social and Legal Sciences	GRADO EN EDUCACIÓN INFANTIL (INFANT EDUCATION)	223	0,878
90	Social and Legal Sciences	MAESTRO: ESPECIALIDAD DE EDUCACIÓN ESPECIAL (MASTER SPECIALITY IN SPECIAL NEEDS EDUCATION)	118	0,876
91	Social and Legal Sciences	GRADO EN RELACIONES LABORALES Y RECURSOS HUMANOS (MURCIA) (LABOUR RELATIONS AND HUMAN RESOURCES (MURCIA))	261	0,875
92	Social and Legal Sciences	MAESTRO: ESPECIALIDAD DE EDUCACIÓN MUSICAL (MASTER SPECIALITY IN MUSIC EDUCATION)	117	0,874



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
93	Social and Legal Sciences	DIPLOMADO EN RELACIONES LABORALES (CARTAGENA) (DIPLOMA IN LABOUR RELATIONS (CARTAGENA))	155	0,872
94	Social and Legal Sciences	GRADO EN INFORMACIÓN Y DOCUMENTACIÓN (INFORMATION AND DOCUMENTATION)	235	0,871
95	Social and Legal Sciences	DIPLOMADO EN EDUCACIÓN SOCIAL (DIPLOMA IN SOCIAL EDUCATION)	147	0,870
96	Social and Legal Sciences	GRADO EN RELACIONES LABORALES Y RECURSOS HUMANOS (CARTAGENA) (LABOUR RELATIONS AND HUMAN RESOURCES (CARTAGENA))	224	0,865
97	Social and Legal Sciences	LICENCIADO EN PEDAGOGÍA (PEDAGOGY)	120	0,858
98	Social and Legal Sciences	GRADO EN PEDAGOGÍA (PEDAGOGY)	232	0,847
99	Social and Legal Sciences	GRADO EN SEGURIDAD (SECURITY)	260	0,843
100	Social and Legal Sciences	GRADO EN TURISMO (TOURISM)	247	0,840
101	Social and Legal Sciences	GRADO EN EDUCACIÓN SOCIAL (SOCIAL EDUCATION)	225	0,832
102	Social and Legal Sciences	GRADO EN EDUCACIÓN INFANTIL (CARTAGENA) (INFANT EDUCATION (CARTAGENA))	242	0,800
103	Engineering and Architecture	GRADO EN INGENIERÍA QUÍMICA (CHEMICAL ENGINEERING)	246	0,960
104	Engineering and Architecture	INGENIERO TÉCNICO EN INFORMÁTICO DE GESTIÓN ((MANAGEMENT IT ENGINEERING)	14	0,959
105	Engineering and Architecture	INGENIERO TÉCNICO EN INFORMÁTICA DE SISTEMAS (IT SYSTEMS ENGINEERING)	15	0,956
106	Engineering and Architecture	INGENIERO EN INFORMÁTICA (IT ENGINEERING)	140	0,953



Order	Branch of knowledge	Qualification	Code	COEFFICIENT
107	Engineering and Architecture	INGENIERO QUÍMICO (CHEMICAL ENGINEERING)	23	0,953
108	Engineering and Architecture	GRADO EN INGENIERÍA INFORMÁTICA (IT ENGINEERING)	221	0,938





## ANNEX V

### GUIDE TO JUSTIFICATION OF MERITS.

In order for the evaluation to be precise and as expeditious as possible, the following guidelines are established for the justification of the merits alleged in the applications.

#### Research Articles

##### **Note:**

Remember, these are not research articles:

The translation of an article.

- Clinical cases.
- The proceedings of conferences, whether published in books or in magazines as proceedings, with the exception of those that correspond to the field of Communication, Computing and Electronics Engineering.
- Popular articles, as well as articles in general information magazines
- Letters to the Editor
- Reviews, notes or discussions of other books or articles.
- Editorial notes, simple translations, presentations or prologues.
- Reports or opinions derived from research projects or R&D&i contracts.
- Corrections of articles (corrigena), even if they have a bibliographic citation.

For correct justification, a PDF document must be attached that clearly states the authorship of the applicants (it is not necessary to provide the article in its entirety) and data from the magazine in which it has been published (ISSN and name). In addition, the previous documentation will be accompanied (it may be a screen print, or any other format) justification of the journal's rating in the corresponding area and quartile.

#### Books and Chapters of Research books.

Books are understood to be those publications directly related to topics of research or creation that has legal deposit and ISBN. They are therefore excluded the texts, notes, etc., more directly related to teaching.

##### **Note:**

They are not research books (or book chapters):

- Textbooks (including guide texts) or manuals.



- The programs, notes and practical cases whose priority objective is to serve as teaching material.
- Successive editions of the same book.
- The translation of a book.
- Popularity books.
- Encyclopedias (entry or edition).
- Catalogs that do not include historical or artistic studies.
- Travel, tourist or recreational information guides.
- Anthologies or common dictionaries.
- The publication of a Doctoral Thesis.
- The proceedings of conferences, whether published in books or in magazines as proceedings, with the exception of those that correspond to the field of Communication, Computing and Electronics Engineering.
- Conventional prologues and introductions, which do not exceed the condition of mere presentation of the prologue work.
- Reports or opinions derived from research projects or R&D&i contracts.
- Contributions to committees or standardization entities.

For correct justification, a PDF document must be attached that clearly states the authorship of the applicants (it is not necessary to provide the chapter of the book, if applicable, in its entirety) and data about the book (ISBN and title of the book and of the chapter if applicable).

### **Communications to Research Congresses/Research Poster**

Only contributions to conferences with a clear scientific nature will be taken into account.

- Any publication resulting from these communications will not be considered as additional merit.
- The international nature of the Congress must be sufficiently accredited.
- Those Congresses that:
  - a) are organized by international institutions and/or organizations or,
  - b) simultaneously meet the following conditions: at least 25% of the members of the organizing committee/scientific committee (one of the two) are of international origin and at least 25% of the speakers are of international origin.
- Congresses that do not prove their international nature will be considered national.



**Note:**

The distinction between a national or international congress should not be made taking into account the language of the congress or the appearance or not of the adjective international in the title.

An international conference is understood to be one in which both the scientific committee and the panel of speakers are made up of researchers from at least two countries.

The justification will be made by providing, in addition to the participation certificate (issued by the organizing committee), the congress program in which both the scientific committee and the rest of the speakers appear.