# NucPhys Joint European Master Degree in Nuclear Physics

# Partner Universities: Seville (coordinator), Barcelona, Complutense of Madrid, Caen-Normandie, Padova, and Catania

Starting date of the Master’s Course: **October, 2024**

Web-site: <http://emm-nucphys.eu/>

**Application Guidelines:**

* All students applying to the NucPhys Master Course **must complete the present form in all its parts.**
* Hand-written applications cannot be accepted.
* A **signed scanned copy** **of the present application** form and the **requested accompanying documents** should be uploaded as **pdf files** to the NucPhys web-site.
* Files should be named with “applicant’s last name\_applicant’s name\_name of the file. Only electronic submissions are accepted. E.g. Douglas\_Peter\_Letter of recommendation / Douglas \_Peter\_CV.
* All official documents (like the Bachelor's Diploma, the transcripts of exams, the passport, etc.) can be submitted as a **scanned copy of the originals**. Documents whose originals are not in English language must be accompanied by a **certified translation into English**.

**NOTE:**   
**Applications that do not contain all requested documents and/or are not signed by the applicant cannot be accepted.**

|  |
| --- |
| **Deadline for applications** |
| **January 31st, 2024 at 23:59 CET** |

**IMPORTANT REMARK:** Admission of selected students is subject to the accreditation of the program which is pending at present as it is undergoing the European Approach for Quality Assurance. As a result, we expect to offer a Joint Degree among the different institutions of France and Spain, and a Degree from one of the Italian Universities. NucPhys is also applying to the next Erasmus Mundus (EM) call. In case of being granted, no scholarship from EM will be given (see alternative scholarships in the webpage), but fees of selected students might be covered. A successful EM application will automatically imply the accreditation of the program, but the Degree will only be joint by the Spanish Universities. Selected students will be informed in due time on the success of the different applications.

**A - Personal Details**

|  |  |
| --- | --- |
| Last Name: |  |
| First and Middle Names: |  |
| Date of birth (dd/mm/yy): |  |
| Place of birth (city, country): |  |
| Nationality: |  |
| Passport Number: |  |
| Marital status: |  |
| Gender: | Male Female |
| Mother tongue: |  |

**Address for correspondence:**

Street and number:

City: ... Postal code: …

State: … Country: …

Telephone: … Mobile phone: …

E-mail address: …

**Visa issue:**

Do you have a Spanish/Italian/French residence permit?

Yes No

If yes, please specify: …

Do you need a student visa for Spain/Italy/France?

Yes No

If yes, please specify (for which countries?): …

**NOTE**: it is your responsibility to obtain a visa. However, if you are accepted in the NucPhys Programme, we will assist you with your visa application.   
**REQUEST:** Please include a **scanned copy of your passport** in the corresponding section of the website.

**B - Language proficiency**

**All non-native speakers** must demonstrate their English proficiency with a test result in the "Test of English as a Foreign Language" (TOEFL), or "International English Testing System" (IELTS), or equivalent. Please, see the NucPhys web page for a full list of accepted tests and minimum scores.

Type of test (e.g. TOEFL, IELTS, etc.): …

Date of test (dd/mm/yy): …

Score obtained: …

Do you fluently speak and/or read other languages? …

**REQUEST**: Please include a **copy of your test transcripts** in the corresponding section of the website. Should your test be scheduled after the NucPhys application deadline, please indicate the scheduled date for the test.

**C - Academic Qualifications**

**NOTE**: A **Bachelor's degree** or equivalent amount of learning in one of the fields Mathematics, Physics, Ingeneer (quantified as 3 years of university studies **equivalent to 180 credits in the European Credit Transfer System - ECTS**) is a **minimum requirement** for admission. Students who expect to obtain their Bachelor's Degree **not later than August 2021** are entitled to apply (students that require a VISA should hold their degree at latest by mid-July 2021, to have a chance to obtain their VISA in due time).

**REQUEST**: Please include an **electronic copy of the Bachelor's Degree** (with a certified English translation, if the original is not in English language) **or** **a certification with the expected date of the degree** in the corresponding section of the website.

**Undergraduate Degree**(s) **or First University Degree**(s) (BA, BSc, etc.)

Type of degree: ...

Field: …

Institution (official title and complete address): …

Country: …

Regular duration of studies (standard course duration): …

Date (obtained/expected, dd/mm/yy): …

In the case of studies not finished yet, please state here what courses/exams are missing: …

**(Post)-Graduate Degree(s)** (Bachelor's, Master’s, etc.)

Type of Degree: …

Field: …

Institution (official title and complete address): …

Country: …

Specialization: …

Regular duration of studies (i.e. standard course duration): …

Date (obtained/expected, dd/mm/yy): …

If you have obtained more than one degree, please copy and paste the above lines and complete them as necessary.

Selected students will be requested to provide the University of Sevilla (the entrance university of the Master Programme) with the originals or certified copies of all documents they have submitted in electronic form with their application and any additional document required by the Admission Department according to the Guidelines for International Students.

**D - Educational Background**

**REQUEST**: Please include an **up-to-date CV** (curriculum vitæ, resume), which contains a **list of publications** (if any), **the title and short summary of the Bachelor's thesis** (if applicable), **a description of extra-curricular activities that are related to nuclear physics** (if any), **and skills acquired** in the corresponding section of the website. (e.g. computer/ programming skills).

**REQUEST:** Please include an **electronic copy of academic records** in the corresponding section of the website. (accompanied by a certified translation into English, when relevant).

**REQUEST:** Please provide below the list of attended courses, the grades obtained and the list of courses still in progress, if any, by following the indicated format in the corresponding section of the website..

1. Course title (in English); Grade obtained (or the words "in progress" if not yet finished); ECTS credits or number of hours; Short description of the course in English (syllabus / list of contents; max 300 words).
2. .....
3. .....
4. .....
5. .....
6. ….
7. (Please expand the list as necessary)

**E - Motivation**

**REQUEST**: Please insert a **letter of motivation** in the corresponding section of the website stating your scientific interests and explaining why you chose the NucPhys Masters Course (max 1 page).

**PLEASE: State the PATHS in order of preference**

**PATH 1:** Experiments and instrumentation in large accelerators

**PATH 2:** Theoretical Nuclear Physics

**PATH 3:** Applications and small accelerators

**1st choice: ……………………….**

**2nd choice: ……………………….**

**3rd choice: ……………………….**

The number of students should be approximately equal in all paths, we will try to match your preference but cannot assure your first option. In case we cannot accept you in your first preferred path, we will notify you for acceptance.

**F - Employment Information**

(if applicable or relevant)

Present employment: …

Position: …

Organization: …

Duration of employment: …

Other professional information and/or extracurricular activities relevant to your application (e.g. memberships, associations, courses/projects completed): …

Relevant skills acquired: …

**G - Letters of Reference**

Please provide the names, affiliations, and addresses of **at least two referees**.  
**REQUEST**: Letter of recommendation **should always be sent by the referees** and not by the applicant. **Referees have to be asked to complete a recommendation letter by the application deadline.** No specific format is requested, they have to state whatever they feel is relevant for the candidate evaluation.

**Referee letters included in this application form cannot be accepted.**

They should send the recommendation letter to the following email address: **nucphysselection@us.es** . Please note that the subject line should be written as: **“Letter of recommendation + first name + last name of the person** they are recommending. Letter of recommendations **should always be signed** by the referees.

**Referee 1**

Last Name: … First Name: …

Position: …

Affiliation (name and address of the institution) : …

E-mail: …

**Referee 2**

Last Name: … First Name: …

Position: …

Affiliation (name and address of the institution) : …

E-mail: …

**H - Letter of Commitment**

In the corresponding section of the website all applicants must send a letter of commitment. This is a document stating that you are committed to study the master during the next 2 years.

E.g. "I am committed for full-time study for two years of master's degree".

With this statement you are confirming your intention to study full time the master course.

**I - Financial Aspects**

**- Scholarships/Fellowships**

Do you plan to apply for scholarships/fellowships funded by any organization (recommended)?

Yes No

If yes, please specify: …

Have you been assigned a scholarship or fellowship to attend the NucPhys Masters Course by another organization?

Yes No

If yes, please specify:

Awarding organization: …

Amount awarded: …

Duration of the scholarship: ...

**- Declaration for the purposes of an Erasmus Mundus Joint Master scholarship application**

At present, NucPhys will apply in the 2024 call for Erasmus Mundus. Applicants who submit their application for the participation in the EMJM NucPhys programme are required to specify their country of residence and nationality.

|  |  |
| --- | --- |
| Country of residence: |  |
| Double nationality? (yes/no): |  |
| In case of double nationality, specify the nationality under which you apply: |  |

**REQUEST:** Applicants are required to submit a **valid proof of their place of residence** in the corresponding section of the website. Such a document must have been issued within 12 months before the application deadline (15th January, 2024).

Documents which could serve as a proof of residence could be:

* a residence certificate issues in accordance with the applicant's municipality normal registration rules;
* a certificate from the applicant's place of work, study or training issued by the employer or institution in question.

**The proof of residence must always include an exact address/street.**

The "Public Register of Authentic Travel and Identity Documents Online" [PRADO](http://prado.consilium.europa.eu/en/searchByIssuingCountry.html) published by the General Secretariat of the Council of the European Union will be used for reference to check the format of documents provided.

**NOTE:** Please note that students must be able to demonstrate their ability to finance their study and living expenses, as a requirement for being granted a residence permit.

**J – Treatment of Personal Data and Legal Notice**

Personal data shall be treated confidentially and solely used for the purposes of the student selection process and, after selection, for the admission and enrolling procedures at the NucPhys Universities and for facilitating the issuance of visa. Data about students selected for participation shall be transmitted to the Education, Audiovisual and Culture Executive Agency (EACEA) of the European Commission.

Information relating to individuals (personal data) is collected and used in accordance with the Regulation (EC) No. 45/2001 of the European Parliament and of the Council of 18th December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movements of such data, OJ L8 of 12.1.2001, p.1.

**K - Survey**

How did you get to know about the NucPhys Masters Course? Please mark the relevant answer.

|  |  |
| --- | --- |
| Erasmus Mundus / Erasmus+ web sites | scholarship-positions.com web site |
| NucPhys web site | other web site |
| NucPhys on European Campus web site | e-mail announcement |
| NucPhys Facebook page | NucPhys flyer / brochure |
| StudyPortals / MastersPortal web site | from a professor |
| MastersCompare web site | from a friend |
| other (specify): | |

**L - Declaration and Signature**

I hereby declare that the information provided by me is correct and complete. I understand that incomplete information will delay the application process and I accept that incorrect information will render the application invalid.

Date (dd/mm/yy): …

City, Country: …

Name of applicant: …

**REQUEST**: Signature (handwritten or signature by official electronic certificate).

**Summary of documents required**

* 1. Completed application form
  2. Scanned copy of your passport/ ID card
  3. Up-to-date CV
  4. Photography
  5. Electronic copy of the Bachelor’s Degree of a certification with the expected date of degree
  6. Electronic copy of academic records
  7. List of attended courses, the grades obtained and the list of courses still in progress (if any).
  8. All non-native speakers must demonstrate their English proficiency with a Test result in the TOEFL/IELTS, or equivalent. Copy of your test transcripts.
  9. Letter of motivation
  10. Letter of commitment

All these documents must be uploaded at once through our website. All fields marked as mandatory must be filled in. Please take into account the **format and size of the file** before uploading and read carefully the instructions of this application form.

* 1. At least **two letters of recommendation** should be sent by the referees to the e-mail address [**nucphysselection@us.es**](mailto:nucphysselection@us.es)