

Please note: this English version of the call is made only for publicity purposes. For enforcing the call, resolving any dispute and for all legal purposes only the Italian version is valid.

Macro area of mathematics, physics and natural sciences

Annex to the Erasmus+ 2021/22 call for applications

1. Eligibility criteria and requirements

In order to submit an application, regardless of their country of citizenship, students must be enrolled in an undergraduate, graduate or single cycle degree programme, a PhD programme run by the Università di Roma Tor Vergata. Moreover, applicants have to meet the requirements provided by the Erasmus+ Programme call for applications 2021/22 and by this annex.

In particular, as regards the macro area of mathematics, physics and natural sciences, students entitled to submit the application are:

For universities that signed an agreement providing the **undergraduate level**, students regularly enrolled in a Bachelor's Degree course of this macro area and who obtained an average grade higher than 20/30;

1.1 Students enrolled in the first year of a Bachelor's Degree course who obtained at least 15 credits (with an average grade higher than 20/30). Applications of students who did not obtain at least 15 credits within the call deadline shall be considered invalid.

1.2 Students enrolled in a Bachelor's Degree course who have not passed their exams within the schedule or who repeated no more than one academic year are entitled to participate.

For universities that signed an agreement providing the **postgraduate level**, students regularly enrolled in a Master's Degree course of this macro area and who obtained an average grade higher than 20/30 calculated on the entire course of study (Bachelor's and Master's Degree courses);

PhD students of this macro area for the universities that signed an Agreement providing the doctoral level.

For universities that signed an agreement providing the **pharmacy** subject area, students regularly enrolled in a One-cycle Degree in pharmacy of this macro area and who obtained an average grade higher than 20/30 and at least 20 credits.

2. Application submission requirements and procedures

Applications must be submitted online only through the following link: mobint.uniroma2.it/erasmus/candidatura within the deadline of the Erasmus+ Programme call for applications 2021/22.

In order to apply, enter with the same username and password for the Student Portal Delphi.

Before applying, candidates must login at the website <http://delphi.uniroma2.it> and check that the available on their personal Delphi page is correctly updated and if not, promptly report any anomalies to the Student Secretary, during the opening hours. On the contrary, the ranking list will be based on the data recorded in the system.

The ranking list will be calculated considering all the academic career data up to the deadline of the Erasmus Call.

Candidates must enter manually all the exams which are still not registered in the online system, uploading a copy of the university student's record book.

As regards students enrolled in a Master's Degree course, graduated in another university or abroad, must enter the exams in the dedicated section and upload the degree certificate with the final score, the enrollment date, exams and grades, and all the activities with marks and credits of the Bachelor's Degree course.

As regards students enrolled in a Master's Degree course, graduated abroad, must upload the exams in the dedicated section and upload the degree certificate with the final score, the enrollment date, exams and grades, and all the activities with marks and credits of the Bachelor's Degree course and the declaration of value for the

translation of the final grade according to the Italian grading system.

3. Linguistic Knowledge

Only for the online application at this Erasmus+ Call the following documents will be valid as follows:

- official certificate from a school nationally and/or internationally recognised attesting the level reached if expired will be considered as linguistic knowledge statement.
- self-certification of a stay abroad certified for at least four months for study or work reasons (eg. *Erasmus+*, *Traineeship*, *Overseas* or other mobility projects) will be considered a B2 level (it is also possible to upload the OLS final test);
- self-certification for students enrolled in degree programs entirely taught in English in this University will be considered a B2 level (English).

A minimum level of language skills is required in order to apply for an Erasmus+ 2021/22 grant. Students are required to check the language requirements of the host university where they intend to spend their Erasmus+ period. The language requirements are specified in the list of available exchange vacancies. The list is available at the end of this annex.

All documents must be uploaded in pdf format when submitting the application. Failure to do so may result in the application being rejected. Incomplete applications will not be accepted. It will not be possible to change applications after submission.

Before submitting the application, students are kindly invited to double-check it. For further assistance, please contact by e-mail or telephone the International Relations Office/Erasmus+ at the Schools of mathematics, physics and natural sciences, at:

e-mail: erasmus@scienze.uniroma2.it

Telephone: +39 067259 4573

Address: Via della Ricerca Scientifica, 1, 00133 Roma

4. Selection procedures: award criteria

The final score will be calculated by summing two numbers that express the average grade and the evaluation of credits compared to grades and credits obtained during the course to which the student is enrolled at the moment of submitting the application. As regards students enrolled in a Master's Degree course or a PhD, evaluation will be made, as described above, on the basis of the Bachelor's Degree course and the Master's Degree course. For students enrolled in a PhD course, also the Master's Degree final grade will be considered.

As regards international students enrolled in a Master's Degree course or a PhD course, the evaluation shall be completed after an additional interview to assess the previous academic skills. Furthermore, in case of equal score between students of the same course, students who have a language certificate will be ranked higher in the pass-list. If the final score is equal between students of the same course, students enrolled in subsequent years will have a higher position in the pass-list. If the final score is equal between a Bachelor's Degree student and a Master's Degree student, the latter will be ranked higher in the pass-list. If the final score is equal among PhD students, the higher grade of the Master's Degree course will be preferred.

A preliminary pass-list shall be published on the website <http://mobint.uniroma2.it/erasmus>. After the publication of the preliminary list students will be allowed to submit possible observations and/or appeals within five days (deadline is 12.00 am of the fifth day) by sending an email to erasmus@scienze.uniroma2.it. After that period, the final pass-list will be published.

5. Acceptance

Students of the pass-list must attend the **Acceptance meeting** for signing the contract. The date of the meeting will be indicated by the International Relations Office/Erasmus+ at the Schools of mathematics, physics and natural sciences, on this website: <http://mobint.uniroma2.it/erasmus>.

During that meeting, the acceptance of the exchange place will be made in accordance with the pass-list order. The mobility of the student is subject to being accepted by the host university. Because of the emergency situation, some partner universities might not accept the student at the first semester.

After the acceptance meeting, students must fill in the Application Form and the Learning Agreement form required by the host university. The Learning Agreement form is available on the website of the home university on the

following website <http://torvergata.llpmanager.it> or on the website of the host university. In the Learning Agreement, students must indicate the study activities they want to complete during the mobility period. The Learning Agreement must be signed by the person responsible for the Erasmus+, at the sending university (for contact persons, please check the lists on pages from 5 to 9). The person responsible for Erasmus+ who will sign the Learning Agreement is a professor nominated by the Council of the study course.

Hence, students must submit the form to the International Relations Office/Erasmus+ at the Schools of mathematics, physics and natural sciences, which will send it to the host university. In case of approval, the host university will sign it and send it back.

Shouldn't there be a formal requirement of a specific knowledge of a language (as indicated next to the name of the host university), student can avail themselves of language courses and services provided by the university Language Center (CLA, <http://cla.uniroma2.it/>) in order to acquire a minimum level of skills in the language of the host country. The level of knowledge has to be proven by certification. In absence of certification, students will be submitted to an interview test by the evaluating commission. Ultimately, if a student is not proven to have acquired language skills, the next first ranked student will take over.

Modifications to the study plan are allowed before departure or during the mobility period. They have to be promptly submitted to the person responsible for approval and then sent to the International Relations Office/Erasmus+ at the Schools of mathematics, physics and natural sciences.

Each of the host universities establishes their own deadlines and procedures to submit the Application form and Learning Agreement. The student will take care of monitoring the deadlines on the host university web page. That information is generally found in the section for incoming exchange students (see the list of the available exchange vacancies below).

Once returned from the mobility period, study activities and credits acquired will be registered in the student profile in accordance with the last version of the Learning Agreement previously signed by both host and home universities. The recognition of activities and exams is realized by the Council of the study course on the basis of the certification from the host university (Transcript of Records) and sent to International Relations Office/Erasmus+ at the Schools of mathematics, physics and natural sciences, at the end of the mobility period.

BIOLOGY
List of available exchange vacancies

Universities and vacancies available:

UNDER-GRADUATE e POST-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIVERSITY OF AARHUS	AHRUS (DK)	2	6	http://www.au.dk/en/	An official certificate required CEFR C1/ TOEFL 560 (PBT) o 83 (IBT)/ IELTS 6.5
UNIVERSIDAD DE ALCALÁ - ALCALÁ DE HENARES*	MADRID (ES)	2	9	http://www.uah.es	B1 Spanish An official certificate is not required.
UNIVERSITAT DE BARCELONA*	BARCELONA (ES)	1	10	http://www.ub.es	B2 Spanish (for courses in Spanish); B2 English (for courses in English); An official certificate is not required.
UNIVERSIDAD DEL PAIS VASCO - BILBAO	BILBAO (ES)	1	9	http://www.ehu.es	B1 Spanish (for courses in Spanish); B1 English (for courses in English); An official certificate is not required.
UNIVERSITÈ DE CERGY-PONTOISE	CERGY-PONTOISE	2	6	http://www.u.cergy.fr	B2 French (for courses in French); An official certificate is not required.
UNIVERSITÈ DE GENÈVE	GENEVE (CH)	2	9	http://www.unige.ch/	B2 French (for courses in French); B2 English (for courses in English); An official certificate is not required.
GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN	GÖTTINGEN (DE)	1 (only post-grad.)	10	http://www.uni-gottingen.de	B2 German (for courses in German – Bachelor’s Degree Courses); C1 English (for courses in English – Master’s Degree Courses). An official certificate required.
UNIVERSITY OF GRONINGEN**	GRONINGEN (NL)	2 (only post-grad.)	10	http://www.rug.nl	B2/C1 English An official certificate required. http://www.rug.nl/fwn/fmns-programme/exchanges-and-short-stay/english-language-proficiency
RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG	HEIDELBERG (DE)	1	10	http://www.uni-heidelberg.de	B1 German For Bachelor’s Degree Courses; B2 English For Master’s Degree Courses An official certificate is not required.
UNIVERSIDAD DE JAÉN	JAEN (ES)	2	10	http://www10.ujaen.es/	B1 Spanish (for courses in Spanish); B1 English (for courses in English). An official certificate is not required.
UNIVERSITEIT LEIDEN	LEIDEN (NL)	2 (also doctoral)	9	http://www.leiden.edu/	B2 English for Bachelor’s Degree Courses; C1 English For Master’s Degree Courses. An official certificate is not required.
UNIVERSIDAD DE LEÓN	LEON (ES)	2	10	https://www.unileon.es/	B1 Spanish An official certificate is not required.
UNIVERSITE’ DE LIÈGE	LIÈGE (BE)	1	10	http://www.ulg.ac.be	B1 French (for courses in French) B1 English (for laboratory activities) official certificate required
LIVERPOOL JOHN MOORES UNIVERSITY	LIVERPOOL (UK)	2 (Post-graduate and Doctoral)	9	http://www.ljmu.ac.uk/courses	B2 English An official certificate is not required.
UNIVERSIDAD AUTONOMA DE MADRID	MADRID (ES)	1 4	6 10	http://www.uam.es	B1 Spanish (Bachelor studies); B2 Spanish (Postgraduate studies). An official certificate is not required.

UNIVERSIDAD COMPLUTENSE DE MADRID	MADRID (ES)	1	10	http://www.ucm.es	B1 Spanish (Bachelor studies); An official certificate is not required. https://www.ucm.es/language-requirements .
UNIVERSIDAD POLITECNICA DE MADRID	MADRID (ES)	1	10	www.upm.es	B1 Spanish An official certificate is not required.
THE UNIVERSITY OF MANCHESTER	MANCHESTER (UK)	1	9	http://www.manchester.ac.uk	B2 English/ IELTS 6.0 or equivalent An official certificate is not required.
LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN	MÜNCHEN (DE)	1	10	www.lmu.de/en	B2 German (for courses in German) B2 English (for Master's Degree Courses) An official certificate is not required http://www.en.uni-muenchen.de/students/exchange/incoming/austausch_engl/application/language_requirements/index.html
UNIVERSITY OF OULU	OULU (FI)	1 (only post-grad.)	6	http://www oulu.fi/university/	B2 English. An official certificate is not required.
UNIVERSITE PARIS VII	PARIS (FR)	1	9	http://www.univ-paris-diderot.fr/	An official certificate required DELF B1/B2/DALF C1/C2 or a certificate issued by a French language teacher. https://u-paris.fr/mobilite-detudes-erasmus-europe/
UNIVERSITE' DE STRASBOURG	STRASBOURG (FR)	2	10	http://www.unistra.fr/	B1 French. An official certificate is not required.
UNIVERSIDAD CATÒLICA DE VALENCIA	VALENCIA (ES)	2	9	https://www.ucv.es/	B1 Spanish (for courses in Spanish) B1 English (for courses in English) An official certificate is not required.

*Course could be held in Catalan.

**The availability of the grant may vary, according to the host country's entry requirements (due to covid-19 regulations).

Grants shall have a minimum duration of 6 months.

The Responsible Person for the Bachelor's Degree in Biological Sciences

(International Relations Delegate for the School of mathematics, physics and natural sciences)

Prof. Carla Jodice

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The Responsible Person for the Bachelor's Degree in Biotechnologies and the Master's Degree in Industrial Biotechnologies

Prof. Patrizia Malaspina

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The Responsible Person for the Master's Degree in Cellular and Molecular Biology and Biomedical Sciences and the Master's Degree in Bioinformatics

Prof. Francesco Ceconi

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The Responsible Person for the Master's Degree in Evolutionary Biology, Ecology and Applied Anthropology

Prof. Gabriele Gentile

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CHEMISTRY

Universities and vacancies available:

UNDER-GRADUATE e POST-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIV. AUTONOMA DE BARCELONA*	BARCELONA (ES)	2	5	http://www.uab.es	B1 Spanish/Catalan/English An official certificate is not required.
UNIVERSITAT DE BARCELONA*	BARCELONA (ES)	1	5	http://www.ub.es	B1 Spanish/B1 Catalan. An official certificate is not required https://www.ub.edu/web/ub/en/sites/lengues/estudiants_de_mobilitat/estudiants_arribada/arribada/requeriments_linguistics.html
LUNDS UNIVERSITET**	LUND (SE)	2	10	http://www.lu.se	B2 English (min. IELTS 6.5 or TOEFL 90). An official certificate is not required.
UNIV. DE COIMBRA	COIMBRA (PT)	1	6	http://www.ci.uc.pt	B1 Portuguese (for courses held in Portuguese language); B1 English (for courses held in English language). An official certificate is not required.
UNIV. OF CORUÑA	CORUÑA (ES)	2	10	http://www.udc.es	B1 Spanish (for courses held in Spanish language); B1 English (for courses held in English language). An official certificate is not required.

* Courses could be held in Catalan.

** Mobility for studies is only allowed during the second semester of the 2021/2022 academic year (with return to Italy within September 2022).

The Responsible Person for Chemistry

Prof. Massimo Bietti

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PHYSICS

Universities and vacancies available:

UNDER-GRADUATE e POST-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIVERSITAT AUTONOMA DE BARCELONA*	BARCELONA (ES)	2	10	http://www.uab.es	B1 Spanish/Catalan/English An official certificate is not required.
UNIVERSITÄT BAYREUTH	BAYREUTH (DE)	1	10	http://www.uni-bayreuth.de	B2 German For Courses in German language B2 English For Courses in English language An official certificate is not required.
UNIVERSITY OF BELGRADE	BELGRADE (RS)	2	6	http://www.bg.ac.rs/en/	B1 Serbian for Courses in Serbian language B1 English For Courses in English language An official certificate is not required.
UNIVERSITY OF BREMEN	BREMEN (DE)	2	10	https://www.uni-bremen.de/en.html	B2 German For Courses in German language B2 English For Courses in English language An official certificate is not required.
CHEMNITZ UNIVERSITY OF TECHNOLOGY	CHEMNITZ (DE)	3	6	http://www.tu-chemnitz.de	B1 German For Courses in German language B1 English For Courses in English language An official certificate is not required.
ALBERT LUDWIGS UNIVERSITÄT FREIBURG	FREIBURG (DE)	1	10	http://www.uni-freiburg.de/	B2 German. (for courses in German Bachelor's Degree) B2 English (for courses in English Master's Degree) An official certificate is not required.
TECHNISCHE UNIVERSITEIT EINDHOVEN	EINDHOVEN (NL)	2 (only post-graduate)	6	https://www.tue.nl	An official Certificate of knowledge of English is required CEFR C1 TOEFL 90 (IBT) IELTS 6.5 https://www.tue.nl/en/education/exchange-programs/how-to-apply/language-requirements-for-exchange-students/
UNIVERSITÉ DE GENÈVE	GENÈVE (CH)	1 (also doctoral)	9	http://www.unige.ch	B2 French B2 English (for courses in English) An official certificate is not required
HAWK HOCHSCHULE	HILDESHEIM (DE)	2	6	https://www.hawk.de	B1 German. (for courses taught in German) B1 English (for courses taught in English) An official certificate is not required.
RUPRECHT-KARLS UNIVERSITÄT HEIDELBERG	HEIDELBERG (DE)	2	10	http://www.uni-heidelberg.de	B1 German (for courses in German Bachelor's Degree) B2 English (for courses in English Master's Degree) An official certificate is not required.
FRIEDERICH-SCHILLER-UNIVERSITÄT JENA	JENA (DE)	1	10	http://www.uni-jena.de	B2 German (for courses in German) B2 English (for courses in English – master courses). An official certificate is not required.
KU LEUVEN	LEUVEN (BE)	1 (only post-graduate)	10	http://www.kuleuven.be/kuleuven/	B1 English (for courses in English – master courses - PhD). An official certificate is not required.
UNIV. DE LA LAGUNA	LA LAGUNA (ES)	1	10	http://www.ull.es	B1 Spanish An official certificate is not required.
UNIVERSITY CÔTE D'AZUR	NICE (FR)	2	6	http://unice.fr/faculte-des-sciences/lufr-sciences/presentation	B1 French (for courses in French) B1 English (for courses in English) An official certificate is not required.
UNIVERSITÉ PARIS-EST-CRÉTEIL VAL-DE-MARNE	PARIS (FR)	1	10	http://sciences-tech.u-pec.fr/	B1 French (for courses in French) B2 English (for courses in English – master courses). An official certificate is not required.
UNIVERSITÉ DE PROVENCE – AIX-MARSEILLE I	AIX-EN-PROVENCE (FR)	1	5	http://www.univ-provence.fr/	B1 French An official certificate is not required https://dri.univ-amu.fr/en/incoming-students-in-exchange-programmes-sciences
TECHNISCHE HOCHSCHULE WILDAU	WILDAU (DE)	5	6	http://www.tfh-wildau.de/	B1 German (for courses in German) B2 English (for courses in English – master courses). An official certificate is not required.

* Course could be held in Catalan.

The Responsible Person for Physics

Prof. Anna Di Ciaccio

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The Responsible Person for Materials science

Prof. Olivia Pulci

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COMPUTER SCIENCE

Universities and vacancies available:

UNDER-GRADUATE e POST-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIV. PARIS VII	PARIS (FR)	3	10	http://www.univ-paris-diderot.fr/	An official certificate required DELF B1/B2/DALF C1/C2 or a certificate issued by a French language teacher https://u-paris.fr/mobilite-detudes-erasmus-europe/

The Responsible Person for Computer Science

Prof. Roberto Basili

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MATHEMATICS

Universities and vacancies available:

POST-GRADUATE e DOCTORAL					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN	GÖTTINGEN (DE)	1	5	http://www.uni-gottingen.de	B2 German (for courses in German – Bachelor's Degree Courses); C1 English (for courses in English – Master's Degree Courses). An official certificate required.
UNIVERSITET I OSLO	OSLO (NO)	2	5	http://www.uio.no/	B2 English; An official certificate is not required.

*Waiting for a confirmation of the language level from the partner institution.

The Responsible Person for Mathematics

Prof. Antonella Calzolari

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MEDIA SCIENCES AND TECHNOLOGIES

Universities and vacancies available:

UNDER-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIVERSITE' LOUIS PASTEUR STRASBOURG	STRASBOURG (FR)	4	5	http://www-ulp.u-strasbg.fr/	B1 French An official certificate is not required.

The Responsible Person for Media Sciences and Technologies

Prof.ssa Francesca Pelosi

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HUMAN NUTRITIONAL SCIENCES

Universities and vacancies available:

POST-GRADUATE					
UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIVERSIDAD AUTONOMA DE MADRID	MADRID (ES)	5	10	http://www.uam.es	B1 Spanish (Bachelor's Degree Courses); B2 Spanish (Master's Degree Courses). An official certificate is not required.
UNIVERSIDAD COMPLUTENSE DE MADRID	MADRID (ES)	2	10	http://www.ucm.es	B1 Spanish An official certificate is not required https://www.ucm.es/language-requirements
UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE OF CLUJ-NAPOCA	CLUJ-NAPOCA (RO)	2	5	http://www.usamvcluj.ro/eng/	B2 English. An official certificate is not required

The Responsible Person for Human Nutritional Sciences

Prof. Alessandra Nardi

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PHARMACY

Universities and vacancies available:

UNIVERSITY	CITY	N° Grants	N° Months	UNIV. WEB PAGE	LANGUAGE KNOWLEDGE REQUIRED
UNIVERSITY OF DEBRECEN	DEBRECEN (HU)	4	9	http://www.unideb.hu/portal/	B2 English. An official certificate is not required
CHARLES UNIVERSITY IN PRAGUE	PRAHA (CZ)	2	9	http://www.cuni.cz/UK-928.html	B2 English. An official certificate is not required https://www.faf.cuni.cz/Foreign/Erasmus
UPPSALA UNIVERSITEIT*	UPPSALA (SE)	1	5	http://www.uu.se/en/	B2 English. An official certificate is not required.
UNIVERSIDAD SAN JORGE	ZARAGOZA (ES)	4	9	http://www.usj.es/	B1 Spanish/ B1 English for courses taught in English. An official certificate is not required.

*The above-mentioned host university requires students with a minimum of 150 credits at the time of the application form submission.

The Responsible Person for Pharmacy

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