UNIVERSITÀ
DEGLI STUDI
FIRENZE

Area Servizi alla Didattica
International desk

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# University Corridors for Refugees - 2.0 (Ethiopia - 2020/2022)

Call for applications for 2 study grants and welcome services for refugee students registering for Second cycle degree programmes taught in English at the University of Florence, Academic Years 2020-21 and 2021-22

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**University Corridors for Refugees - 2.0 (Ethiopia - 2020/2022)**

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APPLICATION DEADLINE: May 20, 2020

## ART. 1 - Subject, amount and duration

The general objective of the University Corridors for Refugees - UNICORE 2.0 project is to promote the right to high education for refugees through study corridors from Ethiopia to Italy.

### Art. 1.1 National Project Partners

The project is jointly promoted by a consortium of partners:
- United Nations High Commissioner for Refugees (UNHCR)
- Caritas Italiana
- Diaconia Valdese
- Italian Ministry of Foreign Affairs and International Cooperation (MAECI)
- University of Florence
- All the other universities signing the cooperation agreement for the project "University Corridors for Refugees - 2.0 (Ethiopia - 2020/2022)" (see art. 9)

The benefits are intended for holders of International Protection living in Ethiopia and admitted in a programme among those offered at one of the partner universities for the Academic Year (A.Y.) 2020-21.
UNICORE 2.0 benefits are assigned for the A.Y. 2020-21 and 2021-22. Maintenance merit requirements and additional renewal conditions are listed in Art. 6.
The full list of the programmes available at University of Florence is specified in Art. 10.

### Art. 1.2 Local Partners of the Project

University of Florence will be supported in the project by two local partners: Caritas Diocesana and Diaconia Valdese. The support is conditional to the formation of a partnership with the above mentioned institutions.
Details of the service offered by the partners are better specified in the letters, by which the partners have agreed to join the partnership.

## Art. 1.3 Benefits and supports offered

Eligible candidates will receive full support during all the steps of the application, including financial coverage for all the expenses prior to the arrival.

Winners will receive financial coverage for the travel expenses to Italy and full support during their studies.

Among the benefits offered:
- Monthly scholarship.
- Housing and Board.
- Full tuition fee reduction.
- Coverage of extra expenses as better specified in Art. 1.4.
- Mentoring service for all the duration of the studies.
- Full support from the International Desk staff and by the teaching staff in charge of the project.

Detailed services offered by the University of Florence are listed in Art. 1.4.

The above mentioned academic benefits are applicable only to the beneficiaries of the scholarship and cannot be extended for any reason to relatives or third parties.

## Art. 1.4 Specific Benefits offered by the University of Florence
- Full coverage of the expenses to be faced before the arrival in Italy (flight tickets, Visa and preparation of supporting documents), offered by Caritas Italiana.
- € 5,000 per year of study. Payments will be divided in two installments. Winners will be provided with more information upon enrolment.
- Free accommodation in one of our student dorms, in a shared room from the month of August 2020.
- Meal card with two meals a day (reduced fee) from Monday to Saturday in our student canteens.
- A personal computer, offered by Caritas Italiana.
- € 2,400 per year of study covered by Diaconia Valdese to cover additional expenses, such taxes for the registration to the National Health Service or the residence card application.

# ART. 2 – Incompatibility

The UNICORE 2.0 study grants cannot be combined with:
- merit-based study grants/prizes issued by the University of Florence for the support of international students;
- study grants issued by the Ministry of Foreign Affairs and International Cooperation (MAECI);
- CRUI grants for beneficiaries of international protection;
- study grants issued by foreign governmental bodies or institutions, on the basis of agreements with the University of Florence, aimed at assisting the enrolment of international students at the University of Florence.

## ART. 3 – Admission requirements
Application is open exclusively to candidates who:
1. are residing in Ethiopia and have been recognized the refugee status in collaboration with UNHCR;
2. hold a qualification valid for admission to the chosen Second Cycle Degree Programme by May 20, 2020;
3. the degree must be issued by a higher education institution accredited in the Ethiopian higher education system;
4. have a Grade Point Average (GPA) of at least 3.0 according to the Ethiopian tertiary education grading system;
5. the degree must not have been obtained before the year 2015;
6. meet the specific admission requirements of the Second cycle degree program of interest; for more information about specific requirements see Art. 10;
7. have never been enrolled before in a degree programs at any of the Partner Universities.

## ART. 4 – Selection criteria and application documents

### Art. 4.1 Selection criteria and evaluation committee
Candidates are selected on the basis of merit requirements.
For the University of Florence, the evaluation will be carried out by a Committee of Experts composed by professors Ivana Acocella and Alberto Tonini (Teaching staff in charge of the project), a member of the International Desk, the Professor in charge of the Master Programmes concerned - or her/his delegates – and any other teaching staff the Professors will consider appropriate.

### Art. 4.2 Application documents
By May 20, 2020, candidates are required to submit the following documentation:

MANDATORY DOCUMENTS:
1. The application form (attachment 1).
2. The Ration Card Number of their Proof of Registration or Refugee Identity Card, issued by Ethiopian authorities and UNHCR.
3. An official certificate of the first level degree, issued by the awarding university, confirming the qualification required for admission to the chosen master programme.
4. An official transcript of exams passed and relative marks.
5. Any relevant and additional document required by the specific programmes chosen (see Art. 10).

NOT MANDATORY DOCUMENTS:
Letter/s of references (in English or in Italian) written by supervisor/advisor supporting the student's application.

All documents presented by applicants must be in English or Italian.
**All documents in any language other than Italian or English must be accompanied by a translation**.
During the application phase, the translation into English or Italian can be done directly by the candidate.

## Art. 4.3 Deadlines and modalities
Applications, along with the documents listed in article 4.2, can be submitted from the day after the publication of this call to May 20, 2020 at 12:00 pm (Italian Official Time), exclusively via email to the following email address: unicore@unifi.it

The email must bear as object: **UNICORE 2.0 and the name and surname of the candidate**.
For guidance when filling the application for the Programmes offered by the University of Florence, candidates can contact the International desk:
Telephone: (+39) 055/2756.962/963 from Monday to Thursday 9.00 a.m. – 1.00 p.m. (Italian Official Time) or send an email to unicore@unifi.it
Applications that are not properly filled in or complete with all the required documentation will not be accepted. Applications cannot be submitted on paper, by fax or to an email box different from the above mentioned one.
For the University of Florence, candidates are allowed to apply for maximum three programmes. We strongly suggest candidates to apply for no more of two different Italian Universities and to concentrate their choice on the programmes in which they meet the specific entry requirements.

# Art. 5 - Selection process
The application process is divided into two steps:
- Step 1: preliminary evaluation of the documentation
- Step 2:  interview

## Art. 5.1 Step 1 - Evaluation of the documentation
The Committee of Experts will evaluate the documentation according to the following criteria:
-        academic background and Grade Point Average (score: 0-20);
-        evaluation of CV: professional experience and personal skills (score: 0-10);
-        coherence between previous studies and selected Second Cycle Degree programme (score: 0-10).
Candidates receiving a score of less than 25 will not be admitted to phase 2 of the selection process.
Candidates admitted to Step 2 will be notified by email by May 29, 2020.

## Art. 5.2 Step 2 - Interview
The interviews will be conducted via web on services such as Skype, Google Hangouts or Whatsapp.
Candidates admitted to step 2 will be interviewed by the Committee of Experts, who will evaluate their technical skills, competence on the subject as well as their mastering of the English language.
Interviews will be graded on a scale of 40 points.
Interviews will take place starting from June 1st, 2020.

Candidates will be notified by email about the date and time of their interview.

Candidates are requested to come to the interview with the Refugee Identity Card used during the online application. A third party will be present at the beginning of the interview for the identification of the candidate.

Candidates with disabilities who need assistance during the interview must specify the type of disability they have and the kind of support they need in the application form. In this case, an official disability certificate is also requested.

## Art. 5.3 – Establishment and approval of the final ranking list

Candidates who will score less than 50/80 points will not be included in the final ranking.

Candidate rankings are drawn up by the Committee of Experts, summing up the results of the two phases and are approved by decree. The rankings are organised in decreasing order of points.

The two available seats are awarded on a gender balance ratio and the committee will elaborate two different rankings according to the gender of the candidates.

Only in the case that the list of eligible candidates does not include representatives of the two genders, the seats can be awarded to two representatives of the same gender.

For equal points, preference will be given to the younger candidate.

The list of eligible applicants for the University of Florence, including the ones not selected for the available seats, will be published by June 30 on www.unifi.it/unicore and on www.universitycorridors.unhcr.it. In this list, refugee ID card number or ration number card of PoR, instead of full name, will be used to identify the eligible applicants and the ones not selected.

Winners will be notified by email by June 30, 2020.

## Art. 5.4 Acceptance

The winner candidates must reply to the University communication accepting the scholarship by 10 days from the reception. Failing to provide a feedback by the given deadline will cause the loss of the benefits.

By accepting the scholarship, candidates fully accept without reserve UNICORE 2.0 project support and financial benefits at the conditions established in this call for applications. With the acceptance candidates also confirm under their own full responsibility that they do not fall within any of the conditions of incompatibility established in article 2 of this call for applications.

Candidates will receive from the International desk of the University of Florence detailed information about the procedure to follow in order to complete the enrolment.

Candidates selected for the UNICORE 2.0 project support and financial benefits are not automatically enrolled in the chosen Second cycle degree Programme. Candidates must comply with the applicable provisions and deadlines, including enrolment regulations, established by the Memorandum issued by the Italian Ministry of University and Research, concerning foreign students' access to university degree programmes.

More specifically, upon their arrival in Italy, to complete the enrolment process, candidates selected as winners will have to submit to the International desk the following documents:

- the original bachelor's degree certificate, or its certified copy, legalized by the competent Italian embassy/consulate, along with its translation in Italian and ***dichiarazione di valore in loco***;
- the original transcript of records, legalized by the competent Italian embassy/consulate, along with its translation in Italian.

### Art. 5.5 Ranking scroll and assignment of available seats

Candidates selected as winners can withdraw by sending an e-mail to unicore@unifi.it.

In case a candidate winner of the scholarship will withdraw by July 15, 2020, the scholarship will be allocated to the next eligible candidate in the gender-based ranking.

If after having scrolled all the rankings, seats will still be available, the University of Florence reserves the right of searching for eligible candidates from other rankings issued by the Universities partners of the project. Potential candidates must undergo any additional selection process that the University of Florence will consider appropriate, in order to verify the specific entry requirements.

## ART. 6 – Access to the scholarship and renewal requirements

### Art. 6.1 Access to the scholarship

Winners will receive detailed information on how to access to the benefits by e-mail.

### Art. 6.2 Renewal requirements
- First year: by August 10, 2021: **18 CFU/credits**.
- Second year: by August 10, 2022: **54 CFU/credits**.

### Art. 6.3 Additional Renewals

The students who do not succeed to complete the Master Programme by December 2022 can request a 6 months extension of the scholarship for the amount of 3,750 euros. The extension is awarded only if, by 23rd December 2022, the students have to pass two exams, university internship (if applicable) and defend the final thesis. The request must be submitted to the International desk by 23rd December 2022.

## ART. 7 - Withdrawal from studies

Winners who, after their enrollment, apply for withdrawal from studies, will lose their right to all the benefits listed in Art. 1.4 and will be requested to return the PC.

## ART. 8 – Information notice concerning data processing

Personal data collected are processed as described in the Regolamento di attuazione delle norme in materia di protezione dei dati personali" available (in Italian) at: https://www.unifi.it/vp-11360-protezione-dati.html.

Personal data collected are also processed in compliance with UNHCR Data Protection Policy available at https://www.refworld.org/docid/55643c1d4.html and its guidance available at https://www.refworld.org/docid/5b360f4d4.html

The Administration reserves the right to verify the truth of the information provided. Without prejudice to the penal sanctions of article 76 of Italian Presidential Decree no. 445/2000, in the event of fraudulent information being discovered as a result of such verification the applicant will forfeit the right to the study grant.

## ART. 9 – Conditional issuing of the call for applications

The implementation of the project and the assignment of the expected benefits are subordinate to the signing of the cooperation agreement and its addendum for the project "University Corridors for Refugees 2.0" (Ethiopia, 2020-2022) among the parties listed in Art. 1.

Additionally, this call might be suspended or withdrawn in accordance with the developments of the legal and epidemiological framework of the health emergency known as "Coronavirus" or "SARS-CoV-19".

## Art. 10 – List of the Second Cycle Degree taught in English participating in the call for University of Florence

The Second cycle degree programmes taught in English at the University of Florence are:

**School of Agriculture**
- Natural Resources Management for Tropical Rural Development

**School of Architecture**
- Architecture (*Curriculum: Architectural Design*)

**School of Economics and Management**
- Design of Sustainable Tourism Systems
- Economics and Development
- Finance and Risk Management

**School of Engineering**
- Geoengineering

**School of Humanities and Education**
- Geography, Spatial Management, Heritage for International Cooperation

**School of Mathematical, Physical and Natural Sciences**
- Advanced Molecular Sciences
- Computer Science (*Curriculum: Resilient and Secure Cyber Physical Systems*)

**School of Political Science**
- International Relations and European Studies

Any candidate may opt for maximum three Programmes. Candidates must autonomously check the entry requirements of the chosen Second Cycle Degree Programmes, as specified in the Admission criteria table (attachment 2).

Candidates must hold a certificate of English proficiency at level B2 of the Common European Framework of Reference for Languages (attachment 3). The English language competence of candidates who do not hold the above mentioned certificate will be assessed during the interview (see art. 5.2).

## Art. 11 - Publication of the Call

The present call and the 3 attachments will be published on the official University Register, on the website www.universitycorridors.unhcr.it and at www.unifi.it/unicore

## Art. 12 - Procedure Manager

In compliance with the provisions of Law no. 241/1990, art.5, the person in charge of the procedure at the present call is dott.ssa Maria Orfeo, Area Servizi alla Didattica, Piazza S.Marco 4 - Firenze, Italy.
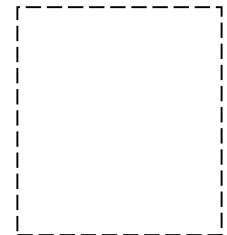
Firenze,  16 aprile 2020

Il Rettore

(f.to Prof. Luigi Dei)

UNIVERSITÀ DEGLI STUDI FIRENZE

Attachment n. 1 – APPLICATION FORM

**UNIVERSITY OF FLORENCE**
**UNICORE 2.0 APPLICATION FORM**
**ACADEMIC YEAR 2020/2021**

*(Please complete this application form in capital letters and send it exclusively via email to unicore@unifi.it )*

## PERSONAL INFORMATION

| |
|---|
| SURNAME: |
| NAME: |
| DATE OF BIRTH: |
| PLACE OF BIRTH: |
| REFUGEE ID CARD NUMBER: |
| RATION CARD NUMBER OF THE UNHCR PROOF OF REGISTRATION: |
| FULL HOME ADDRESS: |
| MOBILE PHONE: |
| EMAIL: |

**PROGRAMMES OF INTEREST (MAX THREE CHOICES)**

☐ Natural Resources Management for Tropical Rural Development
☐ Architecture (curriculum: *Architectural design*)
☐ Design of Sustainable Tourism Systems
☐ Economics and Development
☐ Finance and Risk Management
☐ Geoengineering
☐ Geography, Spatial Management, Heritage for International Cooperation
☐ Advanced Molecular Sciences
☐ Computer Science (Curriculum: *Resilient and Secure Cyber Physical Systems*)
☐ International Relations and European Studies

**HAVE YOU APPLIED FOR OTHER UNIVERSITIES?**
*(If you have, please list their names )*

    **1.**    _____

    **2.**    _____

    **3.**    _____

**PERSONAL STATEMENT**

*Please summarize in about 5 lines a presentation of professional profile, future professional goals and your motivation.*

_____

_____

_____

_____

_____

**WORK EXPERIENCE**

From _____ To_____

Company name: _____

Job role:

_____

*Please briefly describe responsibility and what you did in this role*

_____

_____

From _____ To_____

Company name: _____

Job role:

_____

*Please briefly describe responsibility and what you did in this role*

_____

_____

**EDUCATION**

**Bachelor's degree**

Graduation date: _____

Awarding University: _____

Complete name of the final qualification: _____

Thesis title(if any):_____

Final score (if any): _____

**High School diploma**

Graduation date: _____

 Name of the High school: _____

Complete name of the final qualification: _____

Final score (if any): _____

**LANGUAGES**

*Level of language knowledge: **M**: mother tongue,  **A**: elementary, **B**: intermediate, **C**: advanced*

| LANGUAGE | WRITTEN LEVEL | SPOKEN LEVEL |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Language certifications:**
*Please list here any language certification you have gained. Scanned copy of the certification must be attached to the application*
_____
_____

**COMPUTER SKILLS**
*Please briefly describe your computer skills*

_____

_____

**PERSONAL SKILLS**
*Please briefly describe your personal skills*

_____

_____

*(Only for candidates with disabilities, who are required to attach an official certificate of disability)*
☐ I declare to have the following disability

_____

 and I request the following support during the interview

_____

I authorize the processing of the personal data reported above according to art. 13 of Legislative Decree 196/2003 and art. 13 GDPR (EU Regulation 2016/679) for the sole purpose of personnel research and selection.
I give consent to publish my refugee ID card number or ration card number of my PoR, instead of my full name, in the final list of candidates admitted to the project on the website www.unifi.it/unicore and www.unhcr.it/universitycorridors

I hereby declare to accept without reserve all the terms and condition specify in the **UNICORE 2.0 Call for applications for 2 study grants and welcome services for refugee students registering for Second cycle degree programmes taught in English at the University of Florence, for the Academic Years 2020-21.**

I also declare to promptly inform the University about any change in the provided data.


_____
*(Place and date)*



SIGNATURE


_____

Attachment n. 2 – ADMISSION CRITERIA TABLE

| Second Cycle Degree Programs at Florence University | About this degree | Full list of offered courses | Minimum Entry Requirements: First Cycle or Bachelor Degree in an appropriate subject, listed below | Additional Entry Requirements (when applicable): Minimum number of compulsory exams in preparatory disciplinary areas, required for enrollment in each Second Cycle Degree Program |
|---|---|---|---|---|
| **School of Agriculture** Natural Resources Management for Tropical Rural Development | The MSc in Natural Resources Management for Tropical Rural Development is a two years cutting-edge graduate program, which promotes research and professional training in the sectors of modern and sustainable agriculture, animal science and natural resource management. The objective of the MSc is specialist education and training in food production, environmental conservation and rural development with the purpose of improving food and water security, conservation of biological resources, capacity building and empowerment of local communities. | https://www.tropicalruraldevelopment.unifi.it/ | Agriculture, Forestry, Biological Science, Food Science. | Agronomy, Tree Crops, Herbaceous crops, Plant pathology and entomology, Animal husbandry, Agricultural hydraulics. |
| **School of Architecture** Architecture *Curriculum: Architectural Design* | The aim of the two-years Master's course in Architecture is the advanced training of Architects. Students will learn the architectural Design process, from conception to production and the construction site, for architectural and | https://www.architettura.unifi.it/p-cor2-2019-101222-B076-D59-1-0.html | Architecture, or any other equivalent qualification | Candidates have to send a pdf file with their architecture design contests, their dissertation, their architecture designs (texts and graphic material included) |

| | | | | |
|---|---|---|---|---|
| | urban transformation in complex urban systems, both historical and modern, and related contemporary construction techniques and materials in relation to environmental and economic sustainability; they will learn also design methods and tools for architectural heritage conservation and for traditional construction techniques and materials, associated with their contexts. | | | |
| **School of Economics and Management** Design of Sustainable Tourism Systems | The Master Program aims to provide a thorough understanding, at the university master level, of the contemporary techniques of organization and management of tourism activities. The DSTS program deals with the sustainable management of natural, cultural and historical resources. The remarkable growth of tourism requires considerable planning activities by both the public and private sectors in order to maximise economic returns while acing the potential negative impacts on the environment. The graduates will acquire basic competence in the fields of human and social sciences, and a good command of information technology and of statistical techniques. These skills are indispensable | https://www.dsts.unifi.it/p-cor2-2019-101223-B205-GEN-1.html | Management and Economics; Modern languages and cultures; Statistics and Demography; Geography and environmental sciences; Sciences and technologies for the environment and nature; Political sciences and Sociology; History and cultural heritage. | At least one exam in the fields of economics; management; or demography and statistics; Basic knowledge of data processing. |

| | | | | |
|---|---|---|---|---|
| | for a real-world interpretation of tourism trends and of taste changes of the tourist population. The Master Program also provides legislative, historical and geographical knowledge useful for valorizing the resources and the cultural heritage of a territory. | | | |
| **School of Economics and Management** Economics and Development | The two-year MSc in **Economics and Development** offers two curricula which prepare students for different careers. The curriculum in ***Development Economics*** can be tailored to *a quantitative analysis for developing economies*, which equips students with advanced quantitative methods and skills for studying economic development phenomena or it can be oriented towards *Development Studies*, with a less technical and more interdisciplinary approach. The curriculumin ***Economics*** equips students with the advanced quantitative methods and skills necessary to conduct both theoretical and applied research in economics and to evaluate and formulate policies. | https://www. development - lm.unifi.it/vp- 398- curriculum- in- development -economics- 2019- 2020.html | Economics, Business Economics, Statistics, Mathematics, Political Science and International Relations | Applicants must prove a solid background in Economics, Mathematics and Statistics. Applicants should have achieved at least a High Second Class degree or an equivalent international qualification in their country. |

| School of Economics and Management | The two-year MSc in Finance and Risk Management offers its prospective students an advanced education in finance, quantitative risk management and insurance, banking and financial accounting. The course is a combination of economic theory for finance with quantitative methods (probability theory, statistics, numerical analysis and computational methods) to quantify and manage risk arising from financial, economic and insurance applications. The MSc mix theory and practice, academic lectures and interaction with finance practitioners and empirical sessions. | https://www.frm.unifi.it/vp-183-study-plan-2019-2020.html | Management, Economics, Statistics, Mathematics, Physics | The candidates for the MSc in Finance and Risk Management must prove a strong knowledge of mathematics, statistics and social sciences as well as some familiarity with information technology and data analysis software. Applicants for this program should have achieved a First Class or High Second Class (Upper Division) degree or an equivalent international qualification in their country. |
|---|---|---|---|---|
| Finance and Risk Management | | | | |

| School of Engineering Geoengineering | The master degree in Geoengineering is devoted to train specialist of monitoring, design and management for geohydrological risk reduction with particular reference to floods, landslides, subsidence, sinkhole and in general to slope and basin scale dynamics. The master course aims to train specialists able to:<br>- know and to develop methods and techniques for territorial survey and related data analysis;<br>- apply new technologies for the prevention and protection of man and environment from geo-hydrological hazards;<br>- cope with problems raising from monitoring and management of the territory and the environment;<br>- achieve expertise for geo-hydrological risk assessment and management. | https://www.ing-gem.unifi.it/vp-148-study-plan.html | To be admitted to the Master Course in Geoengineering, a first cycle or a single cycle degree awarded by an Italian or a foreign University is required. | Applying students have to meet the general educational requirements and possess an adequate personal education background, certified by a specific authorization (*nulla osta*) issued by the Education Committee of the Geoengineering Msc. |
|---|---|---|---|---|

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|---|---|---|---|---|
| **School of Humanities and Education** Geography, Spatial Management, Heritage for International Cooperation | The course trains highly qualified experts in territorial analysis and spatial development and management able to operate in the Italian and international labor market, and in particular in the field of development cooperation. The specific objective of the master program is to provide advanced theoretical and methodological skills to intervene on the physical, economic, social and cultural processes which affect the organization of the territory at different scales. Particular attention is devoted to managing tangible and intangible cultural heritage, integrated planning and projects for territorial development, planning for sustainable tourism development, GIS, Remote Sensing and Big Data. The set of training activities is framed within an international scientific and cultural vision with references to extra-European areas. The course offers opportunities to interact with overseas cooperation projects, as well as collaborative experiences with agencies, local authorities and associations in Italy. | https://www.spatialmanagement.unifi.it/upload/sub/Study_Plan_English_2019-2020.pdf | Geography; Urban and regional planning; Urban design and landscape; Environmental sciences; Social sciences for cooperation development | None |

| | | | | |
|---|---|---|---|---|
| **School of Mathematical, Physical and Natural Sciences** Advanced Molecular Sciences | The aim of this Master Degree is the training of Graduates in Chemistry with high scientific and professional qualifications. The Master will offer the opportunity to acquire top level knowledge and experience in the design, synthesis and characterization of complex systems and their applications in fundamental research and in industrial activities. The training project is aimed at overcoming the traditional dichotomy between the teachings of chemistry of synthetic materials and chemistry of biological molecules and to offer interdisciplinary skills. At the end of the Master course the Graduates will possess the skills that derive from the two areas for the design and study of the complex systems including materials, bio-pharmaceuticals, probes and theranostics of the next generation. The molecular vision will bring about the development of new products and the precise control of their properties, providing effective and sustainable responses to the needs of the society in terms of new therapeutic approaches, new materials, new processes and new analytical methods. | https://www.master-ams.unifi.it/vp-143-list-of-courses.html | Chemistry or related degrees (industrial chemistry, biochemistry, chemistry of materials…) | The bachelor shall include at least 7 exams in chemical subjects with practical activity in organic, inorganic, chemical physical and analytical chemistry As well, 3 exams in mathematics and/or physics shall be included |

| | | | | |
|---|---|---|---|---|
| **School of Mathematical, Physical and Natural Sciences** Computer Science *Curriculum: Resilient and Secure Cyber Physical Systems* | The M.Sc. Degree in Computer Science is structured in two different curricula, one of which is taught in English The Curriculum *Resilient and Secure Cyber-Physical Systems* merges computer science and engineering notions for the definition, design, assessment and certification of all those kinds of systems that comprise a cyber and a physical part, as for the example the Internet of Things (IoT) or Critical Infrastructures. Realizing cyber-physical systems is challenging and requires multidisciplinary knowledge ranging from distributed systems to sensor networks, from software engineering to artificial intelligence.In addition, to enhance the resilience and security of cyber-physical systems, verification and certification methodologies and tools are required so to ensure system survival in case of random anomalies, deliberate attacks, and in general unexpected critical events. | https://www.informaticamagistrale.unifi.it/vp-221-ay-2019-2020.html | Computer science, computer engineering, Mathematics, electronic or communication engineering, physics | The applicant must have passed basic exams in mathematics, physics, computer science/computer engineering |

| | | | | |
|---|---|---|---|---|
| **School of Political Science**<br>International Relations and European Studies | The two-year Master's Programme intended to provide a background in the legal, economic, historical and political science fields necessary in the international or European context.<br>In the **International Relations track**, students explore various issues, including international law related to the protection of human rights, the relationship between religion and international relations, economic and taxation issues, education and health, and the role of supranational institutions. The International Relations track prepares students interested in pursuing a diplomatic career or in becoming officers or directors in international organizations, NGOs, international cooperation agencies, consulting agencies, journalism, research centers.<br>**The European Studies track** aims to train professionals with in-depth knowledge of the process of European integration and its current organization, with a particular focus on the structure and dynamics of EU functions, integration, the content of EU policy, and the EU's impact in national and international politics. | https://www.rise.unifi.it/vp-176-2018-2019-courses.html | Political Science, Sociology, International Studies, International Law | Prospective students must have passed at least 3 exams in the field of Law and/or Economics: International Law; Micro and Macro Economics.<br>A sound knowledge in the field of International History, in Political Science and in Sociology is also considered to be important. |

Attachment n. 3 – COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES – SELF-ASSESSMENT GRID

## Common European Framework of Reference for Languages - Self-assessment grid

| | | A1<br>Basic User | A2<br>Basic User | B1<br>Independent user | B2<br>Independent user | C1<br>Proficient user | C2<br>Proficient user |
|---|---|---|---|---|---|---|---|
| **Understanding** | Listening | I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly. | I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements. | I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear. | I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect. | I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort. | I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided I have some time to get familiar with the accent. |
| | Reading | I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues. | I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters. | I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters. | I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose. | I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field. | I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works. |
| **Speaking** | Spoken Interaction | I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics. | I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself. | I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events). | I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views. | I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skilfully to those of other speakers. | I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it. |
| | Spoken production | I can use simple phrases and sentences to describe where I live and people I know. | I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job. | I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions. | I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options. | I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion. | I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points. |
| **Writing** | Writing | I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form. | I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something. | I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions. | I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences. | I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind. | I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works. |

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