University Corridors for Refugees - 5.0 (Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe - 2023/2025)

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 2023-24 and 2024-25

APPLICATION DEADLINE: 19th May 2023 at 12:00 pm (noon, UTC+1)
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ART. 1 - Subject, amount and duration
The general objective of the University Corridors for Refugees - UNICORE 5.0 project is to promote the right to higher education for refugees through study corridors from Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe 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
- Centro Astalli
- 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 - 5.0 (Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe - 2023/2025)” (see art. 9)

The benefits are intended for holders of International Protection living in Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe and admitted in a programme among those offered at one of the partner universities for the Academic Year (A.Y.) 2023-24. UNICORE 5.0 benefits are assigned for the A.Y. 2023-24 and 2024-25. 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 the following local partners:
- Diaconia Valdese-CSD
- Fondazione Solidarietà Caritas ETS
- Centro Internazionale Studenti Giorgio La Pira Fondazione

Details of the services offered by the partners will be better specified in the protocol to be signed by all the partners.

Art. 1.3 Benefits and supports
Eligible candidates will receive full support during all the steps of the application, including financial coverage for all the expenses prior to their arrival in Italy. Winners will receive financial coverage for the travel expenses to Italy and full support during their studies.
Among the benefits offered there are:
- Scholarship of € 5.000 (before taxes to be paid by the receiver) per year of study
- Free housing
- Free student pass in the metropolitan area of Florence
- University tuition fees reduction
- Coverage of extra expenses as better specified in Art. 1.5
- Mentoring service for all the duration of the studies
- Full support from the International Desk staff and by the teaching staff coordinator 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 Benefits offered by the University of Florence
- € 5,000 (before taxes to be paid by the receiver) per year of study. Payments will be divided in five instalments. Winners will be provided with more information upon enrolment.
  The two scholarships will be financed with the funds of the account Altre borse di studio of Area Servizi alla Didattica.
- Free accommodation in one of our student dorms from the month of August 2023.
- Meal card with two meals a day (reduced fee) from Monday to Saturday in our student canteens.

Art. 1.5 Benefits offered by the project partners
- Full coverage of the expenses to be faced before the arrival in Italy (flight tickets, Visa and preparation of supporting documents), offered by the project national partners, as laid down in the national protocol.
  The following benefits and services offered by Caritas Diocesana of Florence: support activities for the knowledge of the territory, covering of unexpected expenses, to be agreed on each time, support in social and relational activities, also with the help of volunteers.
- The following benefits and services offered by Diaconia Valdese-CSD:
  ▪ Coverage of the administrative costs for the application of the residence permit for study purposes (EUR 118,26)
  ▪ Coverage of the administrative costs for the renewal of the residence permit for study purposes (EUR 118,26)
  ▪ Coverage of the costs for the registration to the National Health System for 2023 (EUR 151,27)
  ▪ Coverage of the costs for the renewal of the registration to the National Health System for 2024 (EUR 151,27)
  ▪ Payment of the regional tax for the right to higher education and of the revenue stamp for the first and second year of the master program
  ▪ Purchase of a phone SIM card and payment of the first month’s subscription
  ▪ Support in dealing with administrative procedures and in accessing local services
  ▪ Guidance in extra-academic activities and support for the social inclusion
- The following facilities offered by Centro Internazionale Studenti Giorgio La Pira Fondazione: methodological and organizational guidance on the management of time for study and work; support on the exam preparation; guidance activities on post-degree careers; temporary accommodation in case students are waiting for the accommodation offered by the University (only if places at Centro Internazionale Studenti Giorgio La Pira Fondazione halls of residence are available); Italian language courses organized by Centro La Pira (these courses are preparatory to the final exams for obtaining a proficiency certificate recognized by Università per Stranieri di Siena)
ART. 2 – Incompatibility
The UNICORE 5.0 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;
- grants or any other benefit provided by DSU TOSCANA

ART. 3 – Admission requirements
Application is open exclusively to candidates who:
1. are residing in Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe and have been recognized the refugee status in one of these Countries in collaboration with UNHCR;
2. have achieved a qualification valid for admission to the chosen Second Cycle Degree Programme no later than 19th May 2023; the degree must be issued by a higher education institution, accredited by the local government;
3. have a Grade Point Average (GPA) of at least 24/30, according to the Italian higher education grading system. The conversion into the Italian GPA will be carried out according to the formula described in the attachment 1.
4. the degree must not have been obtained before the year 2018;
5. meet the specific admission requirements of the Second cycle degree program of interest; for more information about specific requirements see Art. 10;
6. have never been enrolled before in a degree program at the University of Florence or 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, nominated by a subsequent Rector decree.

Art. 4.2 Application documents
By 19th May 2023 at 12:00 pm (noon, UTC+1), candidates are required to submit the following documentation:

MANDATORY DOCUMENTS:
1. The application form (attachment 2).
2. Their Proof of Registration (PoR), issued by UNHCR, or Refugee Identity Card, issued by the competent authorities of the Countries listed at art. 3 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 Italian, English, French or Spanish) written by supervisor/advisor supporting the student’s application.

All documents submitted by applicants must be in Italian, English, French or Spanish. All documents in any language other than Italian, English, French or Spanish must be accompanied by a translation in Italian. During the application phase, the translation into Italian, English, French or Spanish 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 19th May 2023 at 12:00 pm (noon, UTC+1), exclusively via email to the following email address: unicore@unifi.it
In the subject line of the email candidates must enter the following information: UNICORE 5.0 - 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 2756960 from Monday to Thursday 9.30 a.m. – 12.30 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 in ways different from the one stated above.
For the University of Florence, candidates are allowed to apply for a maximum of two programmes. It is highly recommended that candidates apply for no more than two different Italian Universities (including Florence) 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: online interview

Art. 5.1 Step 1 – Preliminary evaluation of the documentation
The Committee of Experts will evaluate the documentation according to the following criteria:
- academic background and Grade Point Average (score: 0-15);
- evaluation of CV: professional experience and personal skills (score: 0-15);
- 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 step 2 of the selection process. Candidates admitted to Step 2 will be notified by email by June 2, 2023.

Art. 5.2 Step 2 – Online interview
The interviews will be conducted in English 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
UNICORE 5.0 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 7, 2023. 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 or Proof of Registration (PoR) 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, 2023 on www.unifi.it/unicore and on https://universitycorridors.unhcr.it/. In this list, the Refugee Identity Card number or the Proof of Registration (PoR) Card number instead of full name, will be used to identify the eligible applicants and the ones not selected. Winners will be notified by email by July 7, 2023.

Art. 5.4 Acceptance
The winner candidates must reply to the University of Florence communication accepting the scholarship by 10 days from the reception. Failing to provide feedback by the given deadline will cause the loss of the benefits. By accepting the scholarship, candidates fully accept without reserve UNICORE 5.0 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 5.0 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 the dichiarazione di valore in loco. Alternatively, the CIMEA certificate of comparability can be requested via https://cimea.dipломme.eu/firenze/#/auth/login

7 UNICORE 5.0
UNICORE 5.0

- the original transcript of records, legalized by the competent Italian embassy/consulate, along with its translation in Italian.

Documents which are issued in English, French or Spanish do not need to be translated 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 withdraws by July 12, 2023, the scholarship will be allocated to the next eligible candidate in the gender-based ranking. If after having scrolled all the rankings, seats are still 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
In the 2023/2024 academic year the scholarship will be disbursed in five instalments, after the verification of the enrollment. Winners will receive detailed information via email on how the scholarship will be disbursed.

Art. 6.2 Renewal requirements

For the renewal of the scholarship in the second year, students are required to obtain, by August 10 2024, 18 CFU/credits.

Art. 6.3 Additional Renewal
The students who do not succeed to complete the Master programme and graduate by 31st July 2025 can request a 6 months extension of the scholarship for the amount of 3.750 euros. The aforementioned additional amount will be awarded only if, by 30 October 2025, the students have to take two exams, university internship (if applicable) and defend the final thesis. The request must be submitted to the International desk by 30 October 2025.

Students are required to graduate no later than the last session available (April 2026) for their matriculation year.

ART. 7 - Withdrawal from studies
Winners who, after their enrolment, apply for withdrawal from studies, will lose their right to all the benefits listed in Art. 1.4.

ART. 8 – Information notice concerning data processing
Personal data are processed according to the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive
95/46/EC (General Data Protection Regulation) and according to the legislative decree 196/2003 and its subsequent amendments and additions.

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

For further information on personal data processing by the University of Florence, applicants can consult the webpage on the privacy policy and data protection (https://www.unifi.it/vp-11360-protezione-dati.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 5.0” (Kenya, Niger, Nigeria, South Africa, Uganda, Zambia, Zimbabwe, 2023/2025) 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)
- Urban and Regional Planning and Design (Curriculum: "Urban and Regional Planning and Design")

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

School of Engineering
- Geoengineering
- Mechanical Engineering for Sustainability

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

School of Mathematical, Physical and Natural Sciences
- Advanced Molecular Sciences

School of Political Science
- International Relations and European Studies
Any candidate may opt for a maximum of two programmes. Candidates must autonomously check the entry requirements of the chosen Second Cycle Degree Programmes, as specified in the Admission criteria table (attachment 3).

Candidates must hold a certificate of English proficiency at level B2 of the Common European Framework of Reference for Languages (attachment 4). 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 four attachments will be published on the official University Register, on the website https://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 Dr Maria Orfeo, Manager of Area Servizi alla Didattica, Piazza S. Marco 4 - Firenze, Italy.
ATTACHMENTS
ATTACHMENT N. 1

Il Ministero dell’Istruzione, delle Università e della Ricerca

Allegato 5 al D.M. n 313 del 20 maggio 2016

TABELLA DI CONVERSIONE DEI TITOLI STRANIERI

VALUTAZIONE ESAMI

I candidati che hanno conseguito esami di laurea in una Università straniera hanno a disposizione sul sito http://www.universitliby.it/ un sistema di conversione dei voti ottenuti sulla base della seguente formula:

\[
V = \frac{V_{\text{min}}}{V_{\text{max}} - V_{\text{min}}} + \frac{(V_{\text{max}} - V_{\text{min}})}{2} + V_{\text{min}}
\]

V = Voto da convertire
V_{\text{min}} = Voto minimo per la sufficienza nell’Università di provenienza
V_{\text{max}} = Voto massimo nell’Università di provenienza
V_{\text{min}} = Voto minimo per la sufficienza nelle Università Italiane (= 18/30)
V_{\text{max}} = Voto massimo nelle Università Italiane (= 30/30)

Per le valutazioni su scala qualitativa si fa riferimento alla seguente scala di conversione:

<table>
<thead>
<tr>
<th>Valutazione da convertire</th>
<th>Voto</th>
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<tbody>
<tr>
<td>A</td>
<td>30</td>
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<td>B</td>
<td>28</td>
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<tr>
<td>C</td>
<td>26</td>
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<tr>
<td>D</td>
<td>23</td>
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<tr>
<td>E</td>
<td>18</td>
</tr>
</tbody>
</table>

VALUTAZIONE VOTO DI LAUREA

I candidati che hanno conseguito la laurea in una Università straniera hanno a disposizione sul sito http://www.universitliby.it/ un sistema di conversione dei voti ottenuti sulla base della seguente formula:

\[
V = \frac{V_{\text{min}}}{V_{\text{max}} - V_{\text{min}}} + \frac{(V_{\text{max}} - V_{\text{min}})}{2} + V_{\text{min}}
\]

V = Voto da convertire
V_{\text{min}} = Voto minimo per la sufficienza nell’Università di provenienza
V_{\text{max}} = Voto massimo nell’Università di provenienza
V_{\text{min}} = Voto minimo per la sufficienza nelle Università Italiane (= 66/110)
V_{\text{max}} = Voto massimo nelle Università Italiane (= 110/110)

Per le valutazioni su scala qualitativa la Commissione nazionale attribuirà un punto alle votazioni ricomprese nel quintile superiore sulla base della valutazione dei singoli titoli presentati.
ATTACHMENT N. 2

UNIVERSITY OF FLORENCE
UNICORE 5.0 APPLICATION FORM
ACADEMIC YEAR 2023/2024

(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 (Please select no more than two programmes and specify which is your first and your second choice):

- Natural Resources Management for Tropical Rural Development
- Architecture (curriculum: Architectural design)
- Urban and Regional Planning and Design (Curriculum: “Urban and Regional Planning and Design”)
- Design of Sustainable Tourism Systems
- Economics and Development
- Finance and Risk Management
- Geoeengineering
- Mechanical Engineering for Sustainability
- Geography, Spatial Management, Heritage for International Cooperation
- Advanced Molecular Sciences
- International Relations and European Studies

HAVE YOU APPLIED FOR ANOTHER UNIVERSITY? (If you have, please list its name)
1. University of Florence
2.

EDUCATION

BACHELOR’S DEGREE

Graduation date
Awarding University
Country of the awarding university
Complete name of the qualification
**Final GPA**

**Thesis title (if any)**

**HIGH SCHOOL DIPLOMA**

- **Graduation date**
- **Name of the High school**
- **Complete name of the qualification**
- **Final score (if any)**

**LANGUAGES**

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

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>WRITTEN LEVEL</th>
<th>SPOKEN LEVEL</th>
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Language certifications:
*Please list here any language certification you have gained. Scanned copy of the certification must be attached to the application.*

**PERSONAL STATEMENT**

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

**WORK EXPERIENCE**

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<th>From</th>
<th>To</th>
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</table>

**Company name**

**Job role:**
*Please briefly describe responsibility and what you did in this role*
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 https://universitycorridors.unhcr.it/

I hereby declare to accept without reserve all the terms and condition specify in the UNICORE 5.0 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 2023/2024.

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

(Place and date) SIGNATURE
# ATTACHMENT N. 3

<table>
<thead>
<tr>
<th>Second Cycle Degree Programs at Florence University</th>
<th>About this degree</th>
<th>Full list of offered courses</th>
<th>Minimum Entry Requirements: First Cycle or Bachelor Degree in an appropriate subject, listed below</th>
<th>Additional Entry Requirements (when applicable): Minimum number of compulsory exams in preparatory disciplinary areas, required for enrollment in each Second Cycle Degree Program</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School of Agriculture</strong>&lt;br&gt;Natural Resources Management for Tropical Rural Development</td>
<td>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.</td>
<td><a href="https://www.unifi.it/p-cor2-2020-101221-8216-628-1-0.html">https://www.unifi.it/p-cor2-2020-101221-8216-628-1-0.html</a> (curriculum: Agricultural production) <a href="https://www.unifi.it/p-cor2-2020-101221-8216-629-1-0.html">https://www.unifi.it/p-cor2-2020-101221-8216-629-1-0.html</a> (curriculum: Land and water)</td>
<td>Agriculture, Forestry, Biological Science, Food Science.</td>
<td>Agronomy, Tree Crops, Herbaceous crops, Plant pathology and entomology, Animal husbandry, Agricultural hydraulics.</td>
</tr>
<tr>
<td><strong>School of Architecture</strong>&lt;br&gt;Architecture Curriculum: Architectural Design</td>
<td>The aim of the two-year Master’s course in Architecture is the advanced training of Architects. Students will learn the Architectural Design process, from its conception to its construction on the building site. They will learn to conceive and manage architectural and urban transformation in complex urban systems, both historical and modern, and related contemporary construction techniques, developing a deep knowledge of materials from the perspective of environmental and economic sustainability. They will also learn design thinking methods and techniques for managing architectural heritage conservation processes suitable to their specific contexts.</td>
<td><a href="https://www.architettura.unifi.it/p-cor2-2020-101222-8076-059-1-0.html">https://www.architettura.unifi.it/p-cor2-2020-101222-8076-059-1-0.html</a></td>
<td>Architecture, or any other equivalent qualification</td>
<td>Candidates have to send a pdf file with their architecture design contests, their dissertation, their architecture designs (texts and graphic material included)</td>
</tr>
</tbody>
</table>
### School of Architecture
**Urban and Regional Planning and Design for Sustainability**

The MSc Course in *Planning and Design for Urban and Territorial Sustainability* aims to train professionals experts in urban and sustainable spatial planning and planning through innovative and multidisciplinary knowledge and "treatment of complex problems" in relation to the urban system, territory, environment and landscape. The training offered by the CDS supports the ability to manage and intervene in different contexts, in the north and south of the world, in metropolitan areas, small and medium-sized cities, rural areas and inland areas, transforming them into resilient places to rebuild the conditions of an inclusive, fair and sustainable life. The MSc also offers courses inserted in the European program EUiWell.

https://www.clurpd.unifi.it/

Bachelor in Urban and regional Planning, Urban Studies or Architecture encompassing exams referring to the spatial planning field if not fitting with the minimum entry requirements, candidates studies career will be scrutinized especially considering if containing skills in the following disciplinary fields: Urban and Regional Planning and/or Design, City and territory history or in alternative Urban or Architecture history; Environmental or Agroforestry Science or Agrarian Economics. If reputed necessary will be organized specific thematic seminars to support incoming students from studies field other than Urban and Regional Planning and, especially, for foreign students, aimed at the integration and consolidation of needed knowledge.

### 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 aching 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 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.

https://www.dsts.unifi.it/vp-131-study-plan.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.

https://www.dsts.unifi.it/upload/sub/2-course-offering/B205_piano_di_studio22_23.pdf
<table>
<thead>
<tr>
<th>School of Economics and Management</th>
<th>The two-year MSc in Economics and Development provides two curricula: a curriculum in Development Economics and a curriculum in Economics. Each curriculum prepares students for different careers, and it is a worthy experience which provides students with a competitive advantage in any profession that requests a diversified spectrum of skills to analyse and possibly solve socio-economic problems within international organisations, companies or governments. Key competences acquired by graduates which are highly valued by employers include solid economic knowledge, problem-solving skills, analytical thinking and economic intuition. A sound background in economics and quantitative methods is matched with a multidisciplinary approach (legal, business, finance, historic, etc) to allow students to develop other useful skills for the job market.</th>
<th>Curriculum in Development Economics: <a href="https://www.development-lm.unifi.it/upload/sub/DEV_ECO_22_23.pdf">https://www.development-lm.unifi.it/upload/sub/DEV_ECO_22_23.pdf</a></th>
<th>Economics, Business Economics, Statistics, Mathematics, Political Science and International Relations</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics and Development</td>
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</tr>
<tr>
<td>Economics, Business Economics, Statistics, Mathematics, Political Science and International Relations</td>
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<tr>
<td>Finance and Risk Management</td>
<td>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.</td>
<td><a href="https://www.frm.unifi.it/vp-186-study-plan-2020-2021.html">https://www.frm.unifi.it/vp-186-study-plan-2020-2021.html</a></td>
<td>Management, Economics, Statistics, Mathematics, Physics</td>
<td>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.</td>
</tr>
</tbody>
</table>
### School of Engineering

#### Geoengineering

The master degree in **Geoengineering** is an interdisciplinary master dedicated to train specialists 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:
- know and develop methods and techniques for territorial survey and related data analysis at different scale of work;
- apply new technologies for the prevention and protection of man and environment from geo-hydrological hazards;
- develop an integrated approach for the assessment of geo-hydrological hazards;
- cope with problems raising from monitoring and management of the territory and the environment;
- achieve expertise for geo-hydrological risk assessment and management.

To be admitted to the Master Course in Geoengineering, it is required a first cycle or a single cycle degree awarded by an Italian or a foreign University, that allows the continuation of studies to the next level. More information on the program are available at [ing-gem.unifi.it](https://www.ing-gem.unifi.it/vp-148-educational-plan.html).

### School of Engineering

#### Mechanical Engineering for Sustainability

The Master of Science program in Mechanical Engineering for Sustainability (MES) is conceived to provide the new generation of engineers with those technical skills requested by the job market to support the industry transition towards a more sustainable and greener productive paradigm. The traditional background of a mechanical engineer is enriched with competences on legislation and methods in the field of sustainability and circular economy. The program makes use of modern teaching approaches to steepen the learning curve and to facilitate the knowledge application to industry relevant case studies. Specific attention will be given to project works, developed in teams, and assigned in cooperation with industrial partners. Within the MSc program, three different curricula have been created, each of which pursuing one of the Sustainable Development Goals (SDGs) of the United Nations Agenda 2030:

- **Design**: focuses on product development with a structured innovation approach, comprehensive life cycle analysis and design, and production with the most sustainable technologies (contributes to SDG 9 – Industry innovation and infrastructure).

To apply for the admission to the Master of Science program in Mechanical Engineering for Sustainability, the student must hold a bachelor’s degree in one of the following Bachelor Classes (or an equivalent degree awarded abroad):
- Civil and Environmental Engineering (L-7 Class)
- Information Engineering (L-8 Class)
- Industrial Engineering (L-9 Class)

Applying students have to demonstrate, with a curriculum or via an interview, the mastery of methods and contents in the preparatory disciplines of mechanical engineering: mechanical design and drawing, applied mechanics, machines, and energy systems. The preparation will be certified by an appointed commission, which will issue the clearance to enrollment.

Applying students have to retain 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 School of Engineering. Detailed information are available at: [https://www.ing-gem.unifi.it/vp-143-enrollment.html](https://www.ing-gem.unifi.it/vp-143-enrollment.html).
| Energy Technologies: deepens the understanding of the generation and management of renewable energies and storage technologies, as well as the design methods and tools for system components and balance of plant (contributes to SDG 7 – Affordable and clean energy). |
| Mobility: gives insight in the development of the next generation of electric vehicles and their interaction with infrastructure, within the broader context of sustainable and automated mobility (contributes to SDG 11 – Sustainable cities and communities). |

The MSc program is embedded in a wide international network of academic and research institutions because of the strong research partnerships at European level. In addition, the University of Florence is an active partner of EUniWell. In this context students will have the opportunity to implement Erasmus+ mobility projects in a stimulating environment. The compliance with aforementioned requirements will be verified by a Commission appointed by the Council of Industrial Engineering Programs (i.e. Consiglio Unico dei Corsi di Studio di Area Industriale).
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.


Geography; Urban and regional planning; Urban design and landscape; Environmental sciences; Social sciences for cooperation and

Candidates must have acquired a First Cycle Degree in Geography. Alternatively, they must prove solid knowledge in at least one of the following domains: urban and regional studies; environmental studies; GIS, surveying and mapping; social sciences; history.
<table>
<thead>
<tr>
<th>School of Mathematical, Physical and Natural Sciences</th>
<th>Advanced Molecular Sciences</th>
<th>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 theragnostic 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.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td><a href="https://www.master-ams.unifi.it/vp-143-list-of-courses.html">https://www.master-ams.unifi.it/vp-143-list-of-courses.html</a></td>
<td>Chemistry or related degrees (industrial chemistry, biochemistry, chemistry of materials...)</td>
</tr>
<tr>
<td></td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>School of Political Science, International Relations and European Studies</td>
<td>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. In the <strong>International Relations track</strong>, 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 working positions in international organizations, NGOs, international cooperation agencies, consulting agencies, journalism, research centers. <strong>The European Studies track</strong> 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.</td>
<td><a href="https://www.unifi.it/p-cor2-2020-101229-B087-GEN-1-0.html">https://www.unifi.it/p-cor2-2020-101229-B087-GEN-1-0.html</a></td>
</tr>
<tr>
<td>ATTACHMENT N. 4</td>
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</table>

<table>
<thead>
<tr>
<th>A1</th>
<th>A2</th>
<th>B1</th>
<th>B2</th>
<th>C1</th>
<th>C2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic User</td>
<td>Basic User</td>
<td>Independent</td>
<td>Independent User</td>
<td>Proficient User</td>
<td>Proficient User</td>
</tr>
</tbody>
</table>

**Common European Framework of Reference for Languages**

**Self-assessment grid**

<table>
<thead>
<tr>
<th><strong>Listening</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>I can understand familiar words and very basic phrases concerning myself, my family and immediate needs. I can speak slowly and clearly.</td>
</tr>
<tr>
<td>I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance and common familiar routines. I can understand the main points of short and familiar exchanges on concrete topics using simple and frequent expressions for very basic needs.</td>
</tr>
<tr>
<td>I can understand extended speech and follow simple conversations with regard to familiar topics. I can understand the main points of many radio or TV programmes on current affairs or topics of general interest. I can understand TV news and current affairs programmes. I can understand the majority of films in standard dialogue.</td>
</tr>
<tr>
<td>I can understand extended speech even when it is not clearly structured and when relationships are not immediately clear. I can follow TV shows and movies. I can understand behaviour programmes and films without too much effort.</td>
</tr>
<tr>
<td>I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when it is not immediately clear to me. I can follow talks and lectures and I have some time to get familiar with the occurrence.</td>
</tr>
</tbody>
</table>

**Reading**

<table>
<thead>
<tr>
<th>I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can read very short, simple texts. I can find specific, predictable information in simple everyday written material such as advertisements, notices, menus and timetables and I can understand personal letters.</td>
</tr>
<tr>
<td>I can understand texts that contain mostly high frequency everyday or job-related vocabulary. I can understand the description of events, feelings and wishes in personal letters.</td>
</tr>
<tr>
<td>I can read articles and reports concerned with contemporary problems in which the writer asks particular questions or makes points. I can understand contemporary literary prose.</td>
</tr>
<tr>
<td>I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialized articles and longer technical instruction, even on a scientific or technical topic.</td>
</tr>
<tr>
<td>I can read with ease virtually all forms of the written language, including abstract, structurally and linguistically complex texts such as manuals, specialized articles and literary works.</td>
</tr>
</tbody>
</table>

**Speaking**

<table>
<thead>
<tr>
<th>I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effortlessly for social purposes. I can give outlines and précis and I can formulate ideas and opinions with confidence and relate my contribution skillfully to that of other speakers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can react in a simple way so that the other person is prepared to repeat or rephrase, or give a slight sense of elaboration. I can speak at a leisurely pace and can be understood by a native speaker with minor discomfort. I can simulate the pronunciation of an Italian native speaker.</td>
</tr>
<tr>
<td>I can use simple phrases and sentences to 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. I can make myself understood even though I cannot usually understand what is being said.</td>
</tr>
<tr>
<td>I can convey messages in a simple way in order to express myself clearly and concisely, my main aim being to be understood. I can briefly give reasons and explanations for opinions and plans. I can respond to a story or an argument on a topic or an event.</td>
</tr>
<tr>
<td>I can present clear, detailed descriptions of a wide range of subjects related to my field of interest. I can communicate effectively on a topical issue giving the advantages and disadvantages of various options.</td>
</tr>
<tr>
<td>I can present a clear, smoothly-flowing description or argument in a given context and present a clear and logical structure which helps the recipient to notice and remember significant points.</td>
</tr>
</tbody>
</table>

**Writing**

<table>
<thead>
<tr>
<th>I can write short, simple and short letters, 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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can write simple personal letters, for example thanking someone for something.</td>
</tr>
<tr>
<td>I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.</td>
</tr>
<tr>
<td>I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters, describing experiences and impressions.</td>
</tr>
<tr>
<td>I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, presenting an introduction or giving reasons in support of or against a particular point of view. I can highlight the personal significance of events and experiences.</td>
</tr>
<tr>
<td>I can write clear, smoothly-flowing text on a given topic. 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.</td>
</tr>
</tbody>
</table>

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