OBJECTIVES (ART. 1 PARAGRAPH 2)

Graduates of this programme will have developed the soft skills and transversal competences required to respond effectively to an international and constantly evolving working environment, implementing their basic knowledge with innovative and practical elements that only the direct experience of lecturers operating in the sector can convey. The programme is characterised by a marked industrial component thanks to the presence of many lecturers from industries in the field (i.e. GSK, IRBM, AlfaSigma, Indena). Furthermore, lecturers from the world of applied and industrial research from various EU countries are expected to participate. Lecture sessions will address strategic topics related to Drug Discovery: sustainable production of Active Pharmaceutical Ingredients (API), chemical-analytical aspects related to drug development processes, production and quality control, in silico approaches to drug discovery and development, innovative chemical-pharmaceutical aspects for drug discovery and development, economic and legislative aspects related to the pharmaceutical world, communication and development of personal aptitudes. Lessons will be delivered using the most innovative teaching methods for active learning. Ample space will be given to a self-knowledge pathway based on the Structogram method widely used in industry to help employees work more harmoniously and efficiently thanks to self-knowledge and greater clarity of objectives and desires. In order to improve the ability to work in a team, they will be assigned projects to develop and present in order to implement their communication and writing skills. In this way, by the end of the programme students will have developed all the qualities necessary for placement in industry or academia.

ADMISSION REQUIREMENTS (ART. 2 PARAGRAPH 1)

- DEGREE AWARDED IN ACCORDANCE WITH THE REGULATIONS IN FORCE PRIOR TO MINISTERIAL DECREES 509/99 in:
  - Agricultural and plant biotechnology
  - Agricultural-industrial biotechnology
  - Pharmaceutical biotechnology
  - Industrial biotechnology
  - Medical biotechnology
  - Veterinary biotechnology
  - Chemistry
  - Pharmaceutical chemistry and technology
  - Industrial chemistry
  - Pharmacy
  - Biomedical engineering
  - Chemical engineering
  - Biological sciences

- SECOND CYCLE DEGREE PURSUANT TO MINISTERIAL DECREES 509/99 (LAUREA SPECIALISTICA) OR TO MINISTERIAL DECREES 270/2004 (LAUREA MAGISTRALE) in:
  - Class LS26- Biomedical Engineering
  - Class LS27- Chemical Engineering
  - Class LS62- Chemistry
  - Class LS81- Chemical Science and Technology
- Class LM-13-PHARMACY AND INDUSTRIAL PHARMACY (new system pursuant to Ministerial Decree 270/04)
- Class LM-7 AGRICULTURAL BIOTECHNOLOGIES (new system pursuant to Ministerial Decree 270/04)
- Class LM-9 MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGIES (new system pursuant to Ministerial Decree 270/04)
- Class LM-21-BIOMEDICAL ENGINEERING (new system pursuant to Ministerial Decree 270/04)
- Class LM-22-CHEMICAL ENGINEERING (new system pursuant to Ministerial Decree 270/04)
- Class LM-54-CHEMISTRY (new system pursuant to Ministerial Decree 270/04)
- Class LM-71-INDUSTRIAL CHEMICAL SCIENCE AND TECHNOLOGY (new system pursuant to Ministerial Decree 270/04)

The following individuals may also apply for admission:
- applicants holding an academic qualification equivalent, pursuant to the laws in force, to one of the admission requirements
- for enrolment purposes only, applicants with foreign academic qualifications that can be considered equivalent by virtue of level, nature, content and academic rights (access to other programmes) to the Italian qualification required for admission to the selected programme.

**NUMBER OF PLACES (ART. 2 PARAGRAPH 5)**

The number of places available on this master's programme is set at a minimum of 10 and a maximum 20.

**MASTER'S PROGRAMME DURATION - MONTHS AND CREDITS (ART. 2 PARAGRAPH 7)**

To be awarded the Master's degree, students must obtain 60 university credits (CFU) over the course of the 18-month programme.

**APPLICATION DEADLINE (ART. 3 PARAGRAPH 1)**

The application for admission must be submitted no later than 1 March 2024, exclusively online through the University of Siena website https://segreteriaonline.unisi.it. Applications submitted after the deadline will be refused.

An application fee of 30 (thirty) Euros is charged at the time of application. This payment must be made exclusively through the PagoPA system following the instructions on the website https://segreteriaonline.unisi.it

**DOCUMENTS TO BE ATTACHED (ART. 3 PARAGRAPH 3)**

Candidates must attach the following documents during the online procedure under the “Gestione titoli e documenti per la valutazione” ('Management of qualifications and documents for assessment') section:
- CV
- ANY PUBLICATIONS
- ABSTRACT OF THE DEGREE THESIS, IF ANY
- ANY OTHER QUALIFICATIONS

**RULES FOR FOREIGN APPLICANTS (ART. 4)**
Provisions for the admission of foreign applicants and of EU citizens holding academic qualifications awarded abroad can be found at the website of the Ministry of Universities and Research [http://www.studiare-in-italia.it/studentistranieri/](http://www.studiare-in-italia.it/studentistranieri/).

Applicants with an academic qualification awarded abroad that is equivalent, for enrolment purposes and by virtue of its level, nature, content and academic rights (access to further programmes), to the Italian qualification required for admission to the chosen programme, may request enrolment in the following programmes: first- and second-level master's programmes and postgraduate specializations. Enrolment is subject to evaluation of compliance with admission requirements and to passing the respective admission exams, where required.

Applicants must be licensed to practice, where required.

The qualifications issued by foreign authorities must be accompanied by the documents indicated by the universities in compliance with the Lisbon Convention. The student must produce the documentation that the University deems necessary for assessing the foreign qualification, with reference to: any translations, legalizations, Diploma Supplement, certificates from the Italian ENIC-NARIC centre (CIMEA), any Declarations of Value.

Should the university request a statement of comparability of the foreign qualification by the Italian ENIC-NARIC centre (CIMEA), once the candidate is issued said statement, he/she is no longer required to submit the Declaration of Value.

Applicants who are non-EU citizens resident abroad shall submit their application directly to the chosen University through the UNIVERSITALY portal, in accordance with the procedures and terms established by each University. Those applying for these training activities and programmes must carry out the pre-enrolment procedures using the UNIVERSITALY portal.

The following procedure applies for registration in programmes at Italian universities, depending on the type of programme: international applicants with an academic qualification comparable in level, nature, content, and academic rights (continuing studies) to the Italian academic qualification required for admission to the chosen programme may apply for admission/enrolment.

Applicants submit their application for admission to a Master's programme through the UNIVERSITALY portal and directly to the chosen Universities following the procedures and by the deadlines set out in the specific call for applications.

This procedure also applies in the case of Master's programmes established by the University in collaboration with public or private bodies.

At the time of admission/registration at the University, applicants shall present their academic qualifications, duly accompanied by the documents required for admission/registration. Following confirmation of acceptance by the University, candidates request the Representation to issue the entry visa for study purposes, with a validity related to the duration of the programme.

If an in-person admission exam is scheduled, the study visa will have a conventional validity of 100 days. Those who pass said exam will proceed to enrol directly in the programme and request an extension of the residence permit, without having to return to their country of origin.

### ENROLMENT FEES (ART. 5 PARAGRAPH 1)

The enrolment fee amounts to **3,000 Euros**, net of any charges and any bank commissions. This sum must be paid in two instalments:

1. The first instalment, amounting to **1,500 Euros**, to which the sum of 16 Euros will be added for the payment of electronic stamp duty, must be paid at the time of enrolment. Payment must be made through the PagoPA system following the instructions on the site [https://segreteriaonline.unisi.it](https://segreteriaonline.unisi.it). Further information can be found at the page: [https://www.pagopa.gov.it/](https://www.pagopa.gov.it/).
2. The second instalment of **1,500 Euros**, must be paid no later than **15 July 2024** by accessing the web [https://segreteriaonline.unisi.it](https://segreteriaonline.unisi.it) using your Unisipass credentials. Payment must be made using the PagoPA System. No further communication will be issued regarding this deadline.

Regular enrolment in courses is subject to payment of the amounts due. Registration is completed only with payment of the fee.

### BEGINNING AND END OF THE MASTER'S PROGRAMME (ART. 7, PARAGRAPH 2)
The Master's programme will start in April 2024 and end in October 2025.

SEGRETERIA ONLINE (online administration office) [https://segreteriaonline.unisi.it/Home.do](https://segreteriaonline.unisi.it/Home.do) to apply for admission/enrolment

FURTHER INFORMATION IS AVAILABLE IN THE CALL FOR APPLICATIONS IN ITALIAN