

Instructions for applicants to the International Master Degree in Photochemistry and Molecular Materials

Curricular requirements

The following curriculum requirements are requested:

The possession of a 1st cycle degree in one of the following classes:

- ex D.M. 270: L-27 Chemical Sciences and Technologies
- D.M. 509/99: L-21 Chemical Sciences and Technologies
- Any other degree obtained abroad that is recognized by the Second Cycle Degree Board as equivalent to the previously listed degrees.

In case of different titles, the candidate should have obtained at least **60 ECTS in basic scientific learnings, 20 ECTS of which** in the following Scientific-Disciplinary Sectors (CHIM/01 to CHIM/12, BIO/10 - BIO/11, ING-ND/22 to ING-IND/27 - please note: these refer to courses in 1st cycle Italian Degrees; for degrees obtained abroad refer to the subject in parentheses):

- **From SDS CHIM/01 to SDS CHIM/12:** (i.e. *Analytical Chemistry, Physical Chemistry, General and Inorganic Chemistry, Industrial Chemistry, Science and Technology of Polymeric Materials, Organic Chemistry, Foundations of Chemistry for Technologies, Pharmaceutical Chemistry, Applied Technological Pharmaceutics, Food Chemistry, Chemistry and Biotechnology of Fermentations, Environmental Chemistry and Chemistry for Cultural Heritage*)
- **SDS BIO/10 and BIO/11** (i.e. *Biochemistry, Molecular Biology*)
- **From SDS ING-IND/22 to ING-IND/27** (i.e. *Science and Technology of Materials, Applied Physical Chemistry, Principles of Chemical Engineering, Chemical Plants, Theory of Development for Chemical Processes, Industrial and Technological Chemistry*)

A good basic knowledge of physical chemistry is also required: this knowledge will be evaluated mainly on the basis of the study curriculum (1st cycle or Italian five-year degree programmes) and on the contents of the learning activities.

Assessment of personal preparation

Along with the above-mentioned curricular requirements, admission to the Master's Degree programme is in any case subject to the assessment of personal preparation.

The procedure is carried out by a specific Admission Board through the evaluation of candidates' uploaded documents.

The Admission Board may decide to carry out additional interviews, on an individual basis, by contacting candidates directly.

Assessment of English language requirements

The English language proficiency requirements at CEFR B2 level is required for the admission to the Degree Programme.

Candidates meet the requirements by providing one of the following certifications:

1. **an international certificate at B2 level** among the ones listed in the document published at this [page](#) (file name: *Tabella certificazioni equipollenti prova idoneità linguistica*);
2. **a first/second cycle degree title in programmes entirely taught in English:** the Transcript of records or other documents issued by the University must contain the formal indication that the language of instruction is English;
3. **Transcript of records demonstrating a CEFR English B2 exam passed during the first/second cycle programme:** valid only if the level of proficiency is clearly stated in the course title (*ex: English B2/ Idoneità linguistica di lingua inglese B2, etc.*). If the level is not clearly indicated in the course title, a declaration of the level issued by the Professor in charge of the completed course is required;
4. **status of English native speakers;**
5. **Transcript of records demonstrating at least 1 year of a degree programme entirely taught in English:** the Transcript of records or other documents issued by the University must contain the formal indication that the language of instruction is English;
6. **CEFR English B2 certification provided by any Italian University Language Center (CLA) or any other recognized certifying body** (valid only if the certificate states the exact name of the body/school/institute issuing the certificate, level obtained and exam date).