

Master Science des données



Niveau d'étude
visé
BAC +5



Durée
2 ans



Composante
Faculté des
sciences et
technologies



Ouvert en stage
Non

Parcours proposés

> Data science

Présentation

The **Master in Data Science** provides a high-level theoretical and practical 2-year curriculum in the new and trendy domain of data science.

As the Master welcomes students from diverse academic and cultural backgrounds, you will study in a rich, international environment.

This Master is ideal to start a career in R&D in data science in the industry or pursue research in academia.

 More information about the courses, admissions, costs and available scholarships is available on our website

Admission

Conditions d'admission

The M1 in data science is open to students who have completed (or will have completed by the end of the academic



year) a Bachelor / Licence (or an equivalent degree) in one of the following fields:

- Pure or applied mathematics,
- Computer science,
- Mathematics and computer science,
- Mathematics and computer science applied to social science (French MIASHS program or equivalent),
- Electrical engineering,
- Computer engineering,
- or any other Bachelor degree with a strong curriculum in maths and computer science.

Students who are currently enrolled in post-graduate studies (Master programme or Engineering school) in one of the aforementioned fields can also apply.

Applicants must demonstrate proficiency in English at the CEFR level B2 or above. The level in English can be demonstrated by an official certificate (TOEIC, TOEFL, IELTS, etc.), or through a statement issued by their home university that states their estimated level on the CEFR scale.

Applicants to the first year (M1) should follow one of the following procedures depending on their status:

- French students and students currently living in France must apply through MonMaster ( <https://monmaster.gouv.fr>),
- Foreign students living in a country listed under the Études en France procedure (list here:  <https://pastel.diplomatie.gouv.fr/etudesenfrance/>) must apply through this procedure and contact their local Campus France office for details about the procedure,

- Foreign students living in any other country must apply through MonMaster (<https://monmaster.gouv.fr>),
- Students from IMT Nord Europe, Centrale Lille or Centrale Casablanca must follow the specific double-degree admission procedure of their home institution.

Applicants to the second year (M2) should follow the procedure on the following website: <https://www.univ-lille.fr/formation/candidater-sinscrire/ecandidat>

Applications must include:

- a curriculum vitæ,
- a cover letter stating the academic and professional projects of the applicant,
- all available transcripts of grades from their Bachelor program (and Master program, if applicable),
- a certificate of English level on the CEFR scale (either a third-party certificate – TOEIC, TOEFL, etc. – or a statement from their home university),
- optionally, recommendation letters from professors.

Et après

Poursuite d'études

With its emphasis on theory and introduction to research, this Master program prepares students to join a Ph.D. program after graduation.

Insertion professionnelle

- Data scientist
- Data engineer
- Research or faculty staff in academia

Pour en savoir plus sur l'insertion professionnelle des diplômés de l'Université de Lille, consultez les répertoires d'emplois publiés par l'[ODiF](#) ([Observatoire de la Direction de la Formation](#))

Les fiches emploi/métier du [Répertoire Opérationnel des Métiers et des Emplois](#) (ROME) permettent de mieux

connaître les métiers et les compétences qui y sont associées.

Référentiel ROME : M1403 - Etudes et perspectives socio-conomiques, M1810 - Production et exploitation de systèmes d'information, M1805 - Etudes et développement informatique

Infos pratiques

Lieu(x)

 Villeneuve d'Ascq - FST

Campus

 Campus Cité scientifique

En savoir plus

Master Data Science

<https://www.fil.univ-lille.fr/portail/index.php?dipl=MDS&label=Presentation>

Faculté des Sciences et Technologies - FST

<https://sciences-technologies.univ-lille.fr/>

Référentiel RNCP

RNCP38739.

Programme

Data science