UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

MSc Data-Eco

Tips from experienced students for a personal study planning

Choose your language combination

- English-French, English-German, English only, English-French-German

Finish the pre-requirements (if any) in the first two semesters

- Only applies if your acceptance was conditional on some courses.
- Pre-requirement courses are usually offered in French and in German. There are also recommended English textbooks.
- Pre-required courses cannot be substituted.

Consult the comprehensive list of courses

- unifr.ch/ecopol/en/teaching/master/master-data-analytics-and-economics/
- Make sure that you choose exactly from this list.
- Check in the course catalogue (unifr.ch/timetable) when these courses are offered.
- Most courses are offered bi-annually. The mandatory courses are offered annually.
- Master Courses Department of Economics; Academic Year Autumn 2025 / Spring 2026

Learn elementary skills of programming in Python and R early.

- There are several courses on this topic in Module I and there are additional, non-credited offers (e.g. in *the Digital Skills program* or the *Winter School in Data Analytics and Machine Learning*).
- Ideally you complete the following courses during your first semesters. They give you almost all the Python and R tools you are going to need during your master's program.
  - *Introduction to R / Programming with R* (Wegmann)
  - *Data Analytics in Python (Fischer)*

Learn elementary skills in game theory early

- e.g. course *Advanced Microeconomics* (Büchel / Herz)

Attend the two mandatory courses

- *Databases* (BA, SIN.03024, Fill):
  Do as early as possible
- *Introduction to Deep Learning / Machine Learning (*MA, SIN.08022, Grossenbacher):
  A tough course; best when you are at your peak in Python programming skills. Don't attend too many other courses while doing *this course*, you are going to need some time each week for assignments.

You cannot accredit more than 9 ECTS from BA courses

- *Programmation Scientifique* can only be taken if *Databases* has been done within a BA program.

Make sure that you receive at least 20 ECTS (19.5 ECTS is not enough!) in both Module I and Module II.

Follow your interests!

For personal advice and specific questions, please contact students4students@unifr.ch.
Your request will be forwarded to an experienced student.