

## Monitoring and data analysis projects

**Level :** *Graduate (1st year)*

**Course of Study :** *Master in Economic Analysis and Policies (all tracks)*

**Semester :** 8

**Hourly Volume :** 50 hours of practice (Autonomous TD + time for oral presentations/returns)

**Instructor :** Corinne Autant-Bernard

**Contact :** [email](#)

### Course Objectives:

Monitoring and data analysis projects offer a way of acquiring skills based on professional situations. They involve the direct application of techniques for collecting and processing data, setting up databases and analyzing information, as well as project management techniques (responding to specifications, organizing tasks and teams, managing time and resources, etc.).

### Skills acquired:

**Frame the project** (Analyze the client's needs, define the scope of the project, identify the various tasks and position them in a general schedule, etc.).

**Work as part of a team and network, with autonomy and responsibility for the project** (assemble the project team, taking into account the skills required to complete the project, draw up a sequenced roadmap assigning the tasks identified in the project to each member of the team, effectively mobilize the technical support hours allocated to the project, monitor the completion of tasks and adapt the execution of the project according to deviations observed or unforeseen events encountered, conduct meetings, close the project by drawing up the various evaluation reports, etc.).

**Manage the group project** (Adapt the roles and responsibilities of each team member in order for the project to progress under optimal conditions, use of the proper communication tools, conduct meetings)

**Communicate about the project** (Draw up various project monitoring and evaluation reports using written communication and data visualization techniques, use oral communication techniques to convey information about the project and ensure its promotion among the various stakeholders).

**Grading system:**

Ongoing Assessment (groupwork):

- Written report at the end of the project
- Intermediary or final deliverables, to be defined at the beginning of the project (database, syntheses, ...)
- Oral presentations (3)

**Prerequisites:**

Project Management Course

Data Analysis Course

**Bibliography:**

References vary according to the project. They are supplied each year at the same time as the project specifications.