

A diverse student body with numerous opportunities

The specialized Master's program in public health, accredited by the **Conférence des grandes écoles** (CGE), can attest to expertise in a broad range of disciplines:

The **history** of public health, its determinants, its models, and its ethical foundation (justice, inequalities, individual and collective responsibility ...)

Modern **epidemiology**: measuring risk, different types of epidemiological studies, detecting the most common sources of bias

Statistical tools for analyzing biomedical data: describing variables, testing hypotheses, comparing groups, predictive models, multivariate analyses

Basic concepts in **micro- and macro-economics**, law, sociology, and their application in the field of public health

The building blocks of **health policies**: fundamental components and differences between national health systems

Quantitative evaluation of health risks linked to various factors: environmental and occupational hazards, diet, health products, industrial facilities, lifestyle.

The Master's program includes a **core curriculum** (25 ECTS) and a specialization (20 ECTS) in one of four subject areas:

quantitative methods,
non-infectious risks,
infectious risks
organization and management of health care systems.



Coursework is complemented by an **internship and Master's thesis** (30 ECTS for both). For students coming from a professional milieu, the internship can take place at their usual workplace.

Curriculum

Core curriculum (25 ECTS) from October to January
Specialization (20 ECTS) from February to May, in one of four subject areas:

quantitative methods,
non-infectious risks,
infectious risks
organization and management of health care systems.

Internship from June to November Coursework is complemented by an **internship and Master's thesis** (30 ECTS for both). For students coming from a professional milieu, the internship can take place at their usual workplace. For students who so wish, the Master's program can be **completed over 2 years**: the core curriculum in the 1st year, and the specialization in the 2nd year.

An education at the Pasteur/Cnam School of Public Health promotes **interaction and mobility among new practitioners** of public health who share the field, in different capacities. The breadth of coursework is matched by the diversity of the student body, which consists of professionals and students already advanced in their education goals.

Among the possible professional outcomes, one may find:

- public health research : epidemiology, biostatistics, statistical modeling, health economics, sociology ...
- applied epidemiology and risk analysis
- insurance, risk management and health standards (consumer products, food, the environment)
- planning, executing, and evaluating health policies
- accreditation, inspection, and safety audits (setting standards, certification ...)
- health and social policies (maternal and child health, school-based health programs, screening and vaccination programs, health education ...)
- public health communication
- strategies health and safety in the workplace

http://school-pasteur.cnam.fr/a-diverse-student-body-with-numerous-opportunities-128430.kjsp?RH=pasteur_specmas