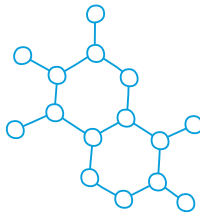


# Public Health



The plague, cholera, Covid-19... Epidemics have forced public authorities to take action, organize themselves and think of regulations in order to protect people and improve their health.

Public health thus studies the factors that affect general health in order to adopt improvement measures. It starts with a diagnosis that detects public health issues in order to find proper treatments and take action. Monitoring is key to make sure these measures are efficient. The tools used in the field are multidisciplinary and use different data: research, demography, economics, medical computing, epidemiology...

Training in public health includes project management on different levels (regional, national, international), teamwork and human resources, health administration, patient security, and environmental risks, evaluation, strategy and planning. Health monitoring focuses on vaccination records, chronic diseases and travel-related diseases, which are studied and taught in public health training.

**.307.8 billion** euros spent on health (2021)  
**.226.7 billion** euros in healthcare and medical goods (2021)

**.2 983** healthcare facilities (2021)  
**.387,000** beds for full hospitalization (2021)

**.215,000** doctors (2021)  
**.80%** of the amount spent on healthcare is covered by social security

Source: <https://drees.solidarites-sante.gouv.fr>

## International

The French School of Public Health (EHESP) is the first European institution accredited by the APHEA, the European Agency for Public Health Education Accreditation. It attests to the quality of the courses, management, organization, work and hosting conditions of the school's international students.

The EHESP is a founding member of the Association of Schools of Public Health of the European Region (ASPHER), which it first presided. It also created the international journal Public Health Reviews in 2010. Since 2008, the EHESP has been coordinating the European Public Health Week (EUPHW) in a European capital (Paris, Brussels, Amsterdam, Copenhagen, Malta).



### RELATED FIELDS

- Administration • Demography
- Economics • Education
- Engineering
- Environment • Epidemiology
- Ethics • Gerontology • Health
- Law • Management
- Medicine • Nutrition

### SUBFIELDS

- Bioinformatics • Biomedical equipment • Biostatistics
- Caregiving • Criminology
- Environment health
- Epidemic • Food safety
  - General health
  - Handicap
  - Health diagnosis
  - Health hazards
  - Health monitoring
- Health organizations
- Health technology
- Hospital management
  - Human resources
  - Hygiene • Logistics

## Useful links

- Association of Schools of Public Health of the European Region (ASPHER): [www.aspher.org](http://www.aspher.org)
- French National Alliance for Life Sciences and Health: [www.aviesan.fr/en](http://www.aviesan.fr/en)
- French School of Public Health: [www.ehesp.fr/en/](http://www.ehesp.fr/en/)
- European University Alliance for Global Health (EUGLOH): [www.eugloh.eu](http://www.eugloh.eu)
- European Public Health Master: [www.europubhealth.org](http://www.europubhealth.org)
- World Health Organization (WHO): [www.who.int/](http://www.who.int/)
- Université de Paris-Saclay - Public Health and Epidemiology Summer School of Bicêtre (EESP): [www.eespe.universite-paris-saclay.fr/en/home/](http://www.eespe.universite-paris-saclay.fr/en/home/)
- Université de Paris-Saclay – Public Health Graduate School: [www.universite-paris-saclay.fr/en](http://www.universite-paris-saclay.fr/en)
- Université de Bordeaux, Institut de Santé Publique, d'Epidémiologie et de Développement (ISPED): [www.isped.u-bordeaux.fr](http://www.isped.u-bordeaux.fr)

# LEVEL Licence

## BREVET DE TECHNICIEN SUPÉRIEUR (BTS)

NATIONAL DIPLOMA – 2 YEARS OF HIGHER EDUCATION – L2  
120 ECTS credits

The **BTS Services et prestations des secteurs sanitaire et social** (advanced technician's certificate in health and social services) is provided by numerous institutions (private and public high schools, etc.).

## LICENCE PROFESSIONNELLE

NATIONAL DIPLOMA – 3 YEARS OF HIGHER EDUCATION – L3  
180 ECTS credits

In more than twenty *Instituts Universitaires de Technologie* (IUT), the **Bachelors Universitaires de Technologie** (B.U.T.) offers a specialization in **Carrières sociales** for training in social and sociocultural activities, social support, coordination and management of health and social facilities and services, and special education.

## LICENCE

NATIONAL DIPLOMA – 3 YEARS OF HIGHER EDUCATION – L3  
180 ECTS credits

There is a major in **Public Health** in four programs:

- > **Economic and Social Administration**, major and options in General Administration and Social Development; General and Local Administration; Public and Social-health Administration - Health and Social Administration - Human Resources - Health and Social
- > Law, major in Law and Health; Health and Social Sciences
- > Health sciences, major in Public Health
- > **Health and Social Sciences**, major in Coordination of Caregiving Services; Management of Social Structures and Solidarity Economy; Public Health and Management of Health organizations; Public Health and Society; Health and labor

# LEVEL Master

## MASTER

NATIONAL DIPLOMA – 5 YEARS OF HIGHER EDUCATION – M2  
120 ECTS credits

Several majors and courses are provided:

- > **Public Administration**, major in Administration of Public Health Facilities
- > **Health Law**, major in Law, Health and Ethics
- > **Economics**, major in Economics of Health Systems, Public Economics and Environment
- > **Applied Economics**, major in Analysis of Public Policies; Evaluation of Public Policies Applied to Employment and Health; Management and Evaluation in Healthcare Institutions
- > **Development Economics**, major in Health Economics
- > **Ethics**, major in Ethics, Care, Health and Society
- > **Information and Communication**, major in Communication in Organizations, Health and Wellbeing
- > **Health Engineering**, major in Data, Decision-making, Systems and e-Health; Engineering for Aging and Autonomy; Organizations and Evaluation in Primary Care; Pedagogy and Simulations in Health Sciences; Quality and Risk Management in Health; Public Health
- > **Health Management**, major in Collective Action in Veterinary Public Health
- > **Public Policies**, major in Humanitarian and International Action; Health Policies and Environmental Risks
- > **Psychology**, major in Social Engineering and Psychology: Environment and Integration; Psychogerontology and Public Health; Psychology of Typical and Atypical Development and Education from Early Childhood to Adolescence; Industrial and Organizational Psychology
- > **Health**, major in Treatment-related Risk Management; Palliative Medicine: Hospitals, Care, Pedagogy, Management; Research in Public Health; Epidemiological Monitoring of Human and Animal Diseases
- > **Public Health**, major in Analysis and Management of Healthcare Facilities; Biostatistics, Biomathematics, Biocomputing and Health; Health Executive - Manager; Massive Health Data; Healthcare Pathway Coordinator for Patients with Chronic and/or Degenerative Diseases; Law and Governance in Health and Social Sectors; Economics and Management of Health and Social Structures; Therapeutic Education and Health Education; Therapeutic Patient Education; Health Education for Children, Teenagers and Young Adults; Supervision of Health Organizations; Children and Young People: Policies and Support; Health Ethics; Epidemiology; Clinical Epidemiology and Pharmaco-epidemiology; Population Epidemiology and Health Intervention; Chronic Diseases Epidemiology; Epidemiology in the Population and Prevention; Evaluation and Prevention of Occupational Risks; Epidemiology, Clinical Research, Evaluation; Health Evaluation; Ethics of Care, Public Health and New Technologies; Treatment Evaluation: methods and applications; Expertise and Engineering of Health Information Systems; Management of Healthcare Facilities and Services; Disability and Health; Biomedical Computing; Intervention in Health Promotion; Health Training Engineering; Management, Ethics and Health Education; Management of Medical and Medical-social Organizations; Methods for the Evaluation of Treatment Quality and Safety; Methods and Tools for the Evaluation of Health and Environmental Risks; Quantitative and Econometric Methods for Health Research; Methods in Clinical and Epidemiological Research; Methods in Public Health - Medical and Non-medical Programs; Methodology of Public Health Intervention; Methodology and

# Public Health

Statistics in Biomedical Research; Modeling in Clinical Pharmacology and Epidemiology; Tropical Neuro-epidemiology and Parasitology; Nutrition and Public Health; Health Organization and Social Protection; Running Policies and Actions in Public Health; Prevention, Health Education, Therapeutic Education; Health Promotion and Prevention; Health and Health Community Prevention; Quality and Management of Health Risks; Research in Public Health; Treatment Research and Innovation; Research for Healthcare Professionals; Health and Environmental Risks; Health and Public Action; Health and Working Conditions; Global Health in the South; Health, Medicine and Social Issues; Health, Population and Territories; Public Health and Hospital-related Risks; Hygiene in Hospitals; Public Health and Occupational Risks; Public Health and Health Risks in the General Environment; Public Health, Society and Development; Health and Occupational Safety; Health, Environment and Politics; Health, Labor and Environment; Health Data Science; Environmental and Occupational Health Science; Disability and Social Integration; Statistics; Modeling and Health Data Science; Epidemiologic Monitoring of Human and Animal Diseases; Information Systems and Computing Technologies for Healthcare; Therapeutics - How to use Health Products; Health Monitoring and Safety; Zoonoses and the Environment

### Programs Taught in English :

Biostatistics, Bioinformatics and Computational Biology, Biomathematics for Health; Comparative Health Law; Genomics Informatics and Mathematics for Health and Environment; Comparative Effectiveness Research; Epidemiology and Health Care Risk Management; Data Science: Health, Insurance and Finance; Healthcare Engineering Mechatronic Systems for Rehabilitation; Health Engineering - Drugs and Health Products: innovative diagnostic and therapeutic drug products; Health Management & Data Intelligence; Information Sciences & Technology for Healthcare; Health Services and Clinical Research; International Development and Registration of Medicine and Health Products; Methods for Drug Development and Evaluation; One Health - Managing Health of Populations; Promotion Global Health; Public Health in Comparative Effectiveness in Research; Public Health Data Science; Regulatory Affairs of the Health Industry; Sport Sciences for Health and Performance; Vaccinology; From Basic Immunology to Social Sciences of Health

## LEVEL

# Post-M



## MASTÈRE SPÉCIALISÉ® (MS)

DIPLÔME D'ÉTABLISSEMENT – 1 YEAR OF HIGHER EDUCATION

The Mastère Spécialisé is accredited by the *Conférence des Grandes Écoles* (CGE). It awards a diploma attesting to the several specializations: **Biomedical Equipment; Engineering and Management of Risks in Health, Environmental and Occupational Risks; Management of Innovative Structures and Activities**