



European Master in Public Health EUROPUBHEALTH+

1st year foundation

**course: “Core competences in
Public Health”**

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**University College Dublin
School of Public Health, Physiotherapy and
Sport Sciences Belfield, Dublin 4
Ireland**

European Master in Public Health (Europubhealth+) Core competences in Public Health

The present document details the content of the first-year foundation course of the **Europubhealth+** programme delivered by the School of Public Health, Physiotherapy and Sport Science at University College Dublin (Ireland). For the second year of the Europubhealth+ programme, seven different specialisations are offered by the consortium: *Advanced Biostatistics and Epidemiology or Environmental Health Sciences* at EHESP Paris (France); *Health promotion and prevention* at EHESP Rennes (France); *Health Law* at Rennes 1 University (France); *Leadership in European Public Health* at Maastricht University (The Netherlands); *Governance of Health Systems in Transition* at Jagiellonian University Medical College in Krakow (Poland), *Health Services Management* at EASP – University of Granada (Spain).

I. PRESENTATION

The foundation course lasts two semesters and students get **60 ECTS** for core and elective modules. A mandatory integration module worth **3 ECTS** is organized by the EHESP School of Public Health in Rennes (France) at the end of the academic year.

II. QUALIFICATIONS OF THE GRADUATE

The UCD Master of Public Health (MPH) is an internationally recognised degree which provides education and training in the core disciplines of Public/Population Health i.e. Epidemiology, Biostatistics, Environmental Health, Health Education and Behavioural Sciences, Health Services Administration (Council on Education in Public Health, CEPH). These skills are increasingly important in light of the challenges of providing appropriate, equitable and cost-effective health services in the 21st Century. The perspectives and skills acquired are important to both employers and employees in public health.

Following successful completion of the course, the student will have acquired the following:

- Knowledge of the factors influencing health status.
- The epidemiological skills of study design and analysis.
- A proper understanding of the public health function.
- Ability to work as an active team member in planning, implementing, monitoring and evaluating health policy.
- Skills to assess the health status of populations.
- Critical appraisal and effective problem-solving attributes.
- An understanding of the organisation and financing of health services and their impact on population health.
- The capacity to integrate a range of disciplines effectively.

III. REQUIREMENTS FOR GRADUATION

In order to graduate from the Europubhealth+ double-degree programme, students must validate all mandatory credits at both first and second year host universities, as well both integration modules delivered by EHESP in Rennes.

STUDY PLAN
Core competences in Public Health

Semester 1

No	Name of the subject	Class form	M/F	Credit form (Mark/Pass/Fail)	Credits (ECTS)
Core modules					
PHPS40010	Principles of Epidemiology https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40010&MAJR=X498	Lectures Group Presentations	M	Mark	5
PHPS40190	Biostatistics I https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40190&MAJR=X498	Lectures Tutorials Statistical Workshops	M	Mark	5
PHPS40750	Applied Research Methods & Data Management, Analysis & Reporting https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40750	Lectures Computer Laboratory Practicals	M	Mark	5
PHPS40200	Communicable Disease Epidemiology https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40200&MAJR=X498	Lectures Group Presentations	M	Mark	5
PHPS40430	<u>SDGs in Action 1: Population Health & Wellbeing</u> https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40430	Lectures Individual and Group Presentations	M	Mark	5
PHPS40860	Principles of Health Care Financing & Management https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40860	Lectures Debates	M	Mark	5
Elective modules (to be chosen among:)					
PHPS40450	Risk Perception, Communication & Behaviour Change https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40450&MAJR=X299	Lectures	F	Mark	5
PHPS40980	Introduction to Knowledge Synthesis, Systematic Reviews & Meta-Analysis https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40980	Lectures	F	Mark	5

Semester 2

Core modules					
PHPS40370	Non-Communicable Disease Epidemiology https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40370&MAJR=X498	Lectures Group Presentations	M	Mark	5
PHPS40300	Health Promotion https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40300&MAJR=X498	Blended Lectures	M	Mark	5
PHPS40040	Public Health Practice and Policy https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40040&MAJR=X498	Lectures	M	Mark	5
PHPS40850	Sociology & Social Epidemiology https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40850&MAJR=X498	Blended Lectures	M	Mark	5
PHPS40650	SDGs in Action II: Protecting the Planet https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40650	Lectures, Group Presentations	M	Mark	5
Elective modules (to be chosen among:)					
PHPS40050	Nutritional Epidemiology https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40050&MAJR=X299	Lectures	F	Mark	5
PHPS40230	One Health https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40230&MAJR=X498	Lectures	F	Mark	5
PHPS40460	Biostatistics II https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40460&MAJR=X845	Lectures Online Statistical Support	F	Mark	5
PHPS50010	Graduate Teaching Assistant https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS50010	Group work UG Tutoring Practicum	F	Mark	5
PHPS40970	Clinical Trials https://sisweb.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40970	Lectures	F	Mark	5
PHPS40880	Introduction to Genetic Epidemiology https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40880	Lectures	F	Mark	5
PHPS41110	Advanced Epidemiology https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS41110	Lectures Practicals Group Presentations	F	Mark	5
PHPS41120	Health Technology Assessment https://hub.ucd.ie/osis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS41120	Lectures	F	Mark	5

F – Facultative, M – mandatory to graduate