



European Master in Public Health EUROPUBHEALTH+

1st year foundation course:

“Core competences in Public Health”



**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 Sciences of The 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 **57 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 Masters in 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 & 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 postgraduate 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 | | | | | 30 |
| PHPS40010 | Fundamentals of Epidemiology https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40010&MAJR=X498 | Lectures Group presentations | M | Mark | 5 |
| PHPS40190 | Biostatistics I https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40190&MAJR=X498 | Lectures Online stats support | M | Mark | 5 |
| PHPS40550 | Applied Research Methods & Data Management https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40550&MAJR=X498 | Lectures SPSS Computer Lab | M | Mark | 5 |
| PHPS40370 | Non-Communicable Disease Epidemiology https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40370&MAJR=X498 | Lectures Group presentations | M | Mark | 5 |
| PHPS40200 | Communicable Disease Epidemiology https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40200&MAJR=X498 | Lectures Group presentations | M | Mark | 5 |
| PHPS40040 | Public Health Practice & Policy https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40040&MAJR=X498 | Lectures | M | Mark | 5 |
| Elective modules (to be chosen among:) | | | | | |
| PHPS40230 | One Health https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40230&MAJR=X498 | Lectures | F | Mark | 5 |
| PHPS40450 | Risk Perception, Communication & Behavioural Change https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40450&MAJR=X299 | Lectures | F | Mark | 5 |
| PHPS40430 | International Health I https://sisweb.ucd.ie/usis!/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=P_HPS40430&MAJR=X498 | Lectures | F | Mark | 5 |

Semester 2

| Core modules | | | | | 25 |
|---|---|-------------------------------|---|------|----|
| PHPS40300 | Health Promotion https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40300&MAJR=X498 | Blended Lectures | M | Mark | 5 |
| PHPS40860 | Health Economics & Management https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40860&MAJR=X498 | Lectures | M | Mark | 5 |
| PHPS40850 | Sociology & Social Epidemiology https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40850&MAJR=X498 | Lectures | M | Mark | 5 |
| OSH40150 | Introduction to Environmental Health & Science https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=OSH40150&MAJR=X498 | Blended / Workshops | M | Mark | 5 |
| PHPS40980 | Introduction to Knowledge Synthesis, Systematic Reviews & Meta-Analysis https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40980 | Lectures | F | Mark | 5 |
| Electives modules (to be chosen among:) | | | | | |
| PHPS40650 | International Health II https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40650&MAJR=X498 | Lectures, Group Presentations | F | Mark | 5 |
| PHPS40050 | Nutritional Epidemiology https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40050&MAJR=X299 | Lectures | F | Mark | 5 |
| PHPS40520 | Research Methods in Genetic Epidemiology https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40520 | Lectures | F | Mark | 5 |
| PHPS40460 | Biostatistics II https://sisweb.ucd.ie/isis!/W_HU_ME_NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40460&MAJR=X845 | Lecture, Online Stats Support | F | Mark | 5 |
| PHPS50010 | Graduate Teaching Assistant https://sisweb.ucd.ie/isis!/W_HU_ME | Groupwork UG Tutoring | F | Mark | 5 |

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|---|---|----------|---|------|----------|
| | NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS50010 | | | | |
| PHPS40970 | Design and Analysis of Clinical Trials https://sisweb.ucd.ie/usis!/W_HU_ME NU.P_PUBLISH?p_tag=MODULE&MODULE=PHPS40970 | Lectures | F | Mark | 5 |
| Integration Module (at EHESP in Rennes – France) | | Seminar | M | Mark | 3 |

F – Facultative, M – mandatory to graduate

Total number of credits: **60 ECTS** min.