

Applications

Prerequisites

A master's degree in a relevant field or a medical degree from an accredited university. Basic knowledge of epidemiology and statistics. Proof of proficiency in English.

Successful applicants have

Past education and work experience in public health, language skills, scientific writing ability and demonstrated success in public health practice and epidemiology.

Applicants should submit a preliminary research plan as part of their application.

Duration of studies

The duration of coursework is one academic year. Full time participation in the programme requires 10 months of residency in Tampere, Finland, to complete the required coursework. Obtaining the doctoral degree usually requires 3–4 additional years of research which can be conducted abroad or in Finland.

Credits

The coursework requirement for a doctoral degree is 60 ECTS credit points.



Contact Us

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UNIVERSITY
OF TAMPERE

IPPE

INTERNATIONAL DOCTORAL PROGRAMME IN EPIDEMIOLOGY



*Excellence in research training
and capacity building*



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OF TAMPERE



Programme description

The International Doctoral Programme in Epidemiology (IPPE) in the School of Health Sciences is a doctoral training and research programme for epidemiologists, researchers and public health personnel worldwide who are aiming at a PhD degree in epidemiology or related public health sciences.

Programme goals

To increase knowledge and understanding of major public health problems, particularly in low and middle income countries.

To build sustainable public health capacity by working with global partners in training epidemiologists and public health personnel for leadership positions in research, administration, programme planning and policy development.

Specific training objectives

Study design, implementation and analysis, research proposal development, subject-matter area knowledge, critical review and synthesis, communication and reporting, professional preparation.



Programme content

One academic year (September to May) of full-time coursework in epidemiology, biostatistics and health sciences (60 ECTS) in Tampere, Finland. Preparation of a comprehensive research plan for PhD thesis.

PhD research work (3–4 additional years): The bulk of field research is generally conducted after the coursework has been completed. A doctoral dissertation usually requires four original scientific papers published in peer-reviewed journals.

After completion of coursework and successful public defense of dissertation, a doctoral degree (PhD) in epidemiology or a related field will be awarded.

Programme history

Beginnings in a collaborative programme with the Indian Cancer Registries in 1990. Today, research projects are conducted all over the world and students represent many disciplines of epidemiology and public health. More than 50 doctoral dissertations have been completed.



Tampereen kaupunki/Ville Palkinen, 2014

Programme curriculum – major fields of study and research

Methods in epidemiology and biostatistics

- Epidemiologic research methods
- Biostatistics and statistical computing
- Logistic regression
- Survival analysis
- Longitudinal data analysis
- Screening for disease
- Systematic reviews and meta-analysis

Infectious disease epidemiology and vaccine programmes in public health practice

- Prevention and control of infectious diseases
- Public health surveillance
- Outbreak investigations
- Public health policy development
- Evaluation of immunization programmes
- Molecular epidemiology

Epidemiology and prevention of cancer and non-communicable diseases, research on health promotion of children and adolescents

- Cancer epidemiology
- Radiation epidemiology
- Cardiovascular disease epidemiology
- Epidemiology of diabetes, allergy and asthma
- Nutritional epidemiology
- Occupational epidemiology
- Epidemiology of ageing

