

University of Pune
Interdisciplinary School of Health Sciences
Ph.D. Course work

Objective of Ph.D. Coursework:

1. To train students in the method of research including review of literature, identification of methodology, theoretical underpinning of techniques, methods, diagnostic algorithms and scientific writing.
2. To familiarize students with issues relevant to public health from global to national level.
3. To inculcate the skills of critical reading and analysis of published literature.
4. To train in methods of technical communication of research data.

Total credits: 20

1. Course work is compulsory and will carry 20 credits.
2. The course work has to be done over a minimum period of one Semester.
3. The course work will have to be completed as per University guidelines.

Teaching and evaluation:

4. Ph.D. coursework is designed as self-study with designated contact/consolation hours with a designated mentor.
5. Evaluation of courses will be done through submitted assignments and verbal presentations.

Course details:

Course PSHS 1.1 : Research Methodology : Dimensions of research area

Review of a field identified by research guide/research center. The aim of the course will be to familiarize students with the dimensions of a research area. Students will select one research area (which could be their Ph.D. research area), and undertake an extensive review to highlight evolution of the field and knowledge contributions.

Evolution : 50% evaluation by guide and 50% by external examiner

Course PSHS 1.2 : Methodological approaches in Public health Sciences

The goal of this course will be to familiarize students in critical reading and analysis of methodology employed that is, the effect of study designs, sample size, definitions, methods of data analysis and their outcome on study findings.

Evolution : Evolution : 50% evaluation by guide and 50% by external examiners.

Course PSHS 1.3 : Public health and health systems: Global to local

The goal of the course will be to familiarize students on any one topic of public health relevance students will be expected to

- a. Understand the burden of the problem (eg. Prevalence, incidence, social and economic burden etc)
- b. The currently available strategies for prevention and control, rehabilitation etc., and
- c. Critique existing policies or needed policies or programmes.

Evolution : Public defence evaluated by panel of examiners.

Course PSHS 1.4 : Seminar

The goal of the course will be train students in scientific presentation skills, students will be required to read and present two research articles from peer reviewed high impact factor journals identified by the guide.

Evolution : Public defence evaluated by panel of examiners and audience