

## **Brief description of available courses**

Peoples-uni Open Online Courses are short, available free for all, and usually contain 5 topics. You can earn a certificate of completion, but there is no accreditation for these courses. Each one would take around 5 hours to explore and contains links to relevant resources on the web. These courses are continually under review and new courses regularly added.

### ***Public Health, General***

**Public Health - the basics:** provides basic introduction to key aspects of the discipline of public health.

- Definitions and roles of Public Health
- Epidemiology
- Health systems
- An evidence base for Public Health
- Health inequalities
- Health promotion
- Workforce needs in Public Health

**Disease in developing countries:** to provide you with the opportunity to find out about health in a particular country, or region, and about major disease categories facing populations in the world.

- Global burden of disease
- Communicable diseases
- Non-Communicable diseases
- Neglected Tropical Diseases
- Injury

- Mental illness

**Public Health:** created for the Global Health Exchange to provide basic introduction to key aspects of the discipline of public health (some duplication in Public Health - the basics).

- Foundations of Public Health
- Patterns and major categories of disease in developing countries
- Disaster Management and Emergency Preparedness
- Evaluation

**Prevention:** provides basic introduction to key aspects of the prevention of ill health (some duplication from Public Health - the basics)

- Population-wide strategies for prevention
- Social Determinants of Health
- Health Promotion
- Policy implications of prevention

### ***Public Health Topics***

**Climate Change and Public Health:** the Public Health aspects of climate change and its impact on populations

- Introduction to climate change
- Climate change and human health
- Climate change in the context of environmental sustainability
- Climate change, policy and politics
- What can we do about climate change?

**Global Health Informatics:** this course aims to provide a framework and some resources to help those in low resource settings meet knowledge needs.

- What is information/informatics and why is it important
- Produce, Collect and Collate information
- Access information - make it available
- Use information for evidence based practice and policy
- Evaluating the benefits of health informatics

**Exercise and Health:** designed to help healthcare professionals understand the size of the problem of physical inactivity in populations globally, the role of physical inactivity in the causation of a number of conditions and the benefits of exercise in treatment and prevention, and to encourage those who access the course to perform and evaluate interventions to increase physical activity in their settings

- The basics, an introduction
- Cardiovascular, respiratory diseases, cancer and obesity
- Exercise and other conditions
- Putting all this into practice

### ***Epidemiology***

**Basic Epidemiology - from the University of Nottingham:** free access to some excellent e-learning packages prepared by the University of Nottingham in basic Epidemiology

- What is epidemiology?
- Measuring disease

- Ecological studies
- Cross-sectional studies and measures of effects
- Case-control studies
- Cohort studies
- Randomised controlled trials
- Systematic reviews and meta-analyses

**Clinico-epidemiological conference:** Report of an online conference for presentation and discussion of disease causation and prevention - from the patient to the population - to demonstrate how it is possible to draw generalisable lessons from in-depth consideration of the clinical course of an individual patient, how familial, social and cultural and environmental factors may influence causation and progression (natural history) of disease, and the importance of prevention. Lessons for improving the health of the population may be drawn from consideration of individual patients.

- Case presentation
- Epidemiology
- Implications for the population

**A population Health Care Model with Supporting knowledge for the Part A exam:** Access to online resources to help learning to help with Public Health practice. Developed by the Health Education Wessex in collaboration with the University of Southampton Faculty of Medicine

***Ethics, Professionalism and Human Rights***

**Medical ethics online:** designed to cover key constituent parts of medical ethics; it is suitable for

any healthcare professional wanting to acquire a basic grounding in the subject.

- Rights and responsibilities:
- Ethico-legal frameworks
- Beginning and end-of-life
- Governance
- Healthcare

**Human Rights and Public Health:** designed to help understand the importance of Human Rights to Public Health. We will present this through a general introduction to the subject and examples of areas where the relationship is particularly important or vulnerable - humanitarian crises, reproductive health, universal health care and the provision of health services, as well as introducing some of the legal aspects of Human Rights. The course is relevant to all, but in particular those with interests in global health. It might be read in conjunction with other courses available on the Peoples-uni Open Online Courses site - Medical Ethics Online, Medical Professionalism, and Refugee Health.

**Medical Professionalism:** designed to explore the concepts of Medical Professionalism and how they might be applied in various settings

- Introduction and definitions
- Altruism and commitment to patients' interests
- Physician self-regulation and maintenance of competence
- Civic engagement
- Relevance to today/tomorrow

**Refugee Health:** designed to provide information on the threats to the health of refugees and asylum seekers, and canvass potential methods to help improve the situation. The focus is global, but there is a focus on refugees settled in developed countries

- The refugee problem
- Details of health effects on refugees
- Models of healthcare for settled refugees
- Politics - a global issue
- What can we do?

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