

Welcome to Principles of Health Protection 2019.
The course is intended to provide an introduction to the core principles of health protection or as a refresher for CPD. We hope you enjoy it.

Contact information

Administration:

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Module Leader:

Dr Bharat Pankhania; email B.Pankhania@exeter.ac.uk

Module Dates and Location

This **four day course** will be delivered on Tuesday **5th & 12th February and 5th & 12th March 2019, 0930-1600 at Reed Hall, Streatham Campus, University of Exeter.**

Please follow this link for directions and a map to the University of Exeter's Streatham Campus: <http://www.exeter.ac.uk/visit/directions/streathammap/>

Course overview

The course is aimed at those who have had little formal teaching in health protection. It will be useful for those working in or considering working in public health, health protection, infection control, environmental health and primary care. The course aims to give participants an appreciation of the core principles of health protection. It is a useful building block towards achieving competency in health protection on call, but not sufficient on its own to provide this competency.

At the end of the course the learner **will be expected to be able to:**

- Understand the underlying principles of Health Protection and Communicable Disease Control as well as planning for and responding to emerging threats, emerging infections and environmental incidents
- Understand the principles of immunisation, surveillance and emergency planning
- Learn how to apply knowledge and science to work out course of actions for health emergencies.
- Understand the importance of collaboration with partners and communicating risks.

Teaching and learning will be a two way process, we will learn from each other and thus group participation will make this learning much more retentive and enjoyable.

We will deliver lectures, table top exercises, group discussions and problem based learning.

The module consists of about 18 taught hours plus self-directed study. The course is delivered in four full-day contact sessions (one day per week). We would advise you to make every effort to attend *all* sessions to gain the most out of the course.

Key sources of information for this module:

The PHE website (<https://www.gov.uk/government/organisations/public-health-england>)

The WHO website (<http://www.who.int/>)

European Centre for Disease Prevention and Control (<https://ecdc.europa.eu/en/home>)

Centers for Disease Control (<https://www.cdc.gov/>)

The Green Book (www.dh.gov.uk/greenbook)

The course will be lead by Dr Bharat Pankhania, former CCDC for 18 years, and a number of expert speakers will also present on topics of their expertise.

Day 1:

Date **5th February 2019**

Venue Reed Hall, Streatham Campus, University of Exeter

Led by Dr [Bharat Pankhania](#), Senior Clinical Lecturer in Public Health, [College of Medicine and Health, University of Exeter](#)

Programme

0930	Welcome and Introduction to the 2019 Health Protection Course
1000	Epidemiology of Infectious Diseases. Their mode of transmission, infectiousness and control strategies.
1100	Coffee
1115	The science behind vaccine preventable diseases. Why immunization works and saves lives.
1300	Lunch
1400	The art and science of infection prevention and control
1600	Close

Day 2:

Date **12 February 2019**

Venue Reed Hall, Streatham Campus, University of Exeter

Led by Dr [Bharat Pankhania](#), Senior Clinical Lecturer in Public Health, [College of Medicine and Health, University of Exeter](#)

Programme

0930	Data collection and timely actions; Principles of surveillance
1000	Global Health and current advances in HIV, control and management – Dr Bret Palmer – Specialist in Genito-Urinary Medicine – Oxford Deanery
1100	Coffee
1115	Tuberculosis as a marker for global health, advances in its control and screening.
12. 30	Legionella: Epidemiology, medicolegal issues, discussion workshop
1300	Lunch
1400	Outbreaks: Art and craft of outbreak management – Dr Bharat Sibal – Consultant Communicable Disease Control – West Midlands
1500	Workshop – Outbreak management – Dr Bharat Sibal – Consultant Communicable Disease Control – West Midlands
1600	Close

Day 3:

Date **5th March 2019**

Venue Reed Hall, Streatham Campus, University of Exeter

Led by Dr [Bharat Pankhania](#), Senior Clinical Lecturer in Public Health, [College of Medicine and Health, University of Exeter](#)

Programme

0930	Collaboration with partners and communicating risk
1100	Coffee
1115	Common Infectious diseases and their public health actions.
1200	Workshop
1300	Lunch
1400	Emerging Infections
1445	Workshop
1600	Close

Day 4:Date **12th March 2019**

Venue Reed Hall, Streatham Campus, University of Exeter

Led by Dr [Bharat Pankhania](#), Senior Clinical Lecturer in Public Health, [College of Medicine and Health, University of Exeter](#)**Programme**

0930	Introduction to health emergency planning
1100	Coffee
1115	Planetary Health and Climate Change – Prof David Pencheon – Professor of Health and Sustainable Development – College of Medicine and Health – University of Exeter (tbc)
1200	The Nerve agent Incident in Salisbury – Tracy Daszkiewicz - Director of Public Health - Wiltshire
1300	Lunch
1400	Workshop
1500	Scientific and Technical Advisory Cell (STAC).
1600	Evaluation and close
