

Mapping of the Health Protection Short Course to the knowledge competencies for Specialist registration with the UKPHR

	Knowledge competency	Mapping to Short Course
KH6.a	Epidemiology (including microbial epidemiology), and biology (including microbiology) of communicable diseases. Causes, distribution, natural history, clinical presentation, methods of diagnosis and control of infections of local and international public health importance.	PARTIAL – the course is not designed to teach the epidemiology of specific diseases, but a range of diseases will be used to illustrate the key principles of health protection. Sessions on current topical issues are included (for example, TB, Monkeypox)
KH6.b	Health and social behaviour: in relation to risk of infectious and environmental diseases.	PARTIAL – the course focuses on health inequalities in health protection and includes a session on complex adaptive leadership for health protection (individual choices and behaviours are one element to consider with regard to managing complex scenarios)
KH6.c	Environmental determinants of disease and their control.	✓ Session on Environmental hazards and threats with guided exercise
KH6.d	Risk and hazard <i>identification</i> ; environmental monitoring and health impact assessment for potential environmental hazards.	✓ Session on principles of risk management + Session on Environmental hazards and threats with guided exercise
KH6.e	Occupation and health, factors affecting health and safety at work	✗ Occupational risks are not specifically covered though the principles of identifying groups vulnerable to health protection risks could be applied. The course does not cover health and safety at work.
KH6.f	Principles of the current public health aspects of emergency planning and managing environmental/chemical and radiological incidents including the roles and legal responsibilities of people and organisations involved in protecting the population's health and well-being.	✓ Session on Emergency preparedness, resilience and response, including guided exercise + session on Environmental hazards and threats with guided exercise
KH6.g	Communicable disease: definitions, surveillance and methods of control.	✓ Session on surveillance
KH6.h	The design, evaluation, and management of current immunisation programmes.	✓ Session on the principles of immunisation
KH6.i	Current outbreak investigation including the use of relevant epidemiological methods.	✓ Session focused on principles of outbreak management with guided exercise
KH6.j	The current organisation of infection control.	✓ Session on the current organisation of health protection in England + principles of infection control included

KH6.k	Current national and international public health legislation and its application. Current legislation in environmental control and international aspects of hazard control.	PARTIAL Some acts/legislation are indicated during sessions but not all appropriate legislation will be discussed
KH6.l	Development, commissioning and evaluation of the current services required for protecting health, in certain settings and in high-risk groups (e.g. prisons, with asylum seekers, in dental health). Include 2 or 3 of the following: sexual health, TB, immunisations, infection control, antibiotic resistance, occupational health, travel health and screening	✓ Strong focus throughout the course on inequalities in health protection, including sessions on the current configuration of health protection services in England. Specific sessions on TB & immunisation

Mapping completed by JMytton, 24Feb23