

Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

Unit Title: Control of Infection

Graded Unit Reference Number: GA33BIO25

Ungraded Unit Reference Number: UA33BIO25

Module: Microbiology

Level: Three (3)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Units barred for selection against this unit:

- Microorganisms and Infection (GA36BIO36 / UA36BIO36)

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand factors that affect the rate of infection in a population	1.1 Explain the following terms, citing one example of each for the UK population a) Endemic b) Epidemic c) Pandemic
	1.2 Explain the concept of 'infectious dose'
	1.3 Identify and evaluate the factors affecting the rate of transmission of an infectious disease in a population
2. Understand the public health measures that can be taken to prevent infection	2.1 Explain how our changing understanding of the causes of disease affect the development of public health strategy
	2.2 Explain why the risk of infection in a hospital environment is potentially higher than in other public places
	2.3 Discuss best practice associated with infection control in hospitals

	2.4	Evaluate the importance of both sterilisation and pasteurisation in the prevention of infection
3. Understand the use of antibiotics	3.1	Describe the nature, origins and mode of action of a range of antibiotic compounds
	3.2	Explain how the overuse of antibiotics can affect their long term effectiveness
	3.3	Analyse the differences between the increase of MRSA and the increase in C difficile as hospital acquired infections