

LEARNING OUTCOMES

18 Biological Hazards

	Cognitive level	What the graduate should be able to do	Context	Level
Operational activities that a <u>new graduate</u> generalist OHS professional would be expected to undertake related to the topic	5	18.1 Apply knowledge of biological hazards to <u>develop</u> a list of data items and information sources to enable identification of biological hazards.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists.	That can be practically implemented as part of an integrated OHS information system. Taking account of type of occupation, location, environment and at-risk-workers.
	5	18.2 Facilitate development and implementation of control strategies for biological hazard(s).	For a nominated biological hazard. For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists.	In liaison with managers, supervisors, worker representatives. and occupational health personnel. Taking account of relevant legislation and standards. Based on knowledge of mode of transmission, virulence, and infectivity of the biological agent Control strategies focus on high level controls including engineering. Where PPE is required it is supplementary and required support systems are specified.
Well-developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	18.3 Apply knowledge of biological hazard agents, mode of transmission, virulence and infectivity, together with workplace and epidemiological information to <u>identify</u> and <u>assess/evaluate</u> risk associated with biological hazards.	For a nominated situation or workplace. For a nominated scenario and biohazard. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists as appropriate.	In consultation with appropriate workplace personnel. With sign off by an occupational health specialist where the risk may be critical. Documented in a report to management.
	5	18.4 Develop processes to monitor and evaluate control strategies for biological hazard(s).	For a nominated biological hazard. For a nominated situation or workplace.	With sign off by an occupational health specialist where the risk may be critical.

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			<p>Within a small organisation or section of a larger organisation.</p> <p>With support/input by occupational health personnel as appropriate.</p>	Documented in a report to management.
Analyse and generate solutions to complex problems related to the topic	3	18.5 Identify when specialist advice is required and define the scope of work to engage services of appropriate specialists.	<p>For a nominated situation or workplace.</p> <p>For a nominated scenario and biological hazard.</p> <p>Within a small organisation or section of a larger organisation.</p>	Documented in a report to management.
	5	18.6 Apply knowledge of biological hazard agents, mode of transmission, hierarchy of control for biological hazards and workplace occupational factors to <u>develop</u> a management strategy for biological hazard(s).	<p>For a nominated biological hazard.</p> <p>For a nominated situation or workplace.</p> <p>For a nominated scenario and biohazard.</p> <p>Within a small organisation or section of a larger organisation.</p> <p>With support/input by experienced professionals and /or technical specialists as appropriate.</p>	<p>With sign off by an occupational health specialist where the risk may be critical.</p> <p>Documented as a management system document.</p>
	3	18.7 Engage with relevant personnel to implement the management strategy for biological hazard(s).	<p>For a nominated biological hazard.</p> <p>For a nominated situation or workplace.</p> <p>Within a small organisation or section of a larger organisation.</p> <p>With support/input by experienced professionals and /or technical specialists as appropriate.</p>	<p>Relevant personnel include managers, supervisors and worker representatives.</p> <p>With input by an occupational health professional as appropriate.</p>
Transmit knowledge, skills and ideas to others	3	18.8 Interpret information on biological hazards in the workplace to explain the occurrence, mode of transfer, risk and rationale for control strategies.	<p>For a nominated biological hazard.</p> <p>Information may include specialist reports.</p>	Communication strategies and language appropriate to the audience.

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	2	18.9 Explain the workplace safety procedures relating to biohazards	In induction and similar processes.	To staff and contractors. Communication strategies and language appropriate to the audience.
Demonstrate the required underpinning science and/or psychology knowledge		Underpinning science: as it relates to the biological hazards . The Human: 7 The human as a biological system		
Integration of knowledge from other chapters		12.1 Systems; 12.2 OHS management systems; 12.3.1 Rules and Procedures;12.3.2 Document usability 34.1 Control		