

Course Information

Science

Human Biology | HBY



GTHBY

Unit 3 Reproductive choices





The focus for this unit is on the reproductive choices that people make for personal reproductive health and the delivery of a healthy baby. Reproductive systems are specialised to produce differentiated gametes and ensure the chances of successful fertilisation and implantation. The healthy development of the embryo and foetus can be monitored, and options are available for the safe delivery of the baby. Lifestyle choices can impact an individual's sexual health and their fertility may require the use of reproductive technologies.

Students analyse and evaluate the various contraceptive methods, assisted reproductive technologies and delivery methods in terms of risks, effectiveness and personal circumstances.

Unit 4 Infectious diseases

The focus of this unit is on the immune system's response to infection and explores the importance of coordinated community and global responses for the prevention and control of infectious disease transmission. Infectious diseases are caused by pathogens that are transmitted between individuals. The immune system coordinates different level of responses when encountering pathogens and can be assisted with the use of medications and antimicrobials.

Students investigate hygiene practices and disease transmission using practical activities or simulations and explore the transmission of diseases using a historical perspective and recent epidemics and pandemics. They consider how data is used to inform decisions related to disease prevention and control.

 <p>Prerequisites Minimum C Grade in General Units 1 and 2 or equivalent</p>	 <p>Year of Study Year 12</p>	 <p>Type of Assessment 25% Investigation 30% Project 10% Practical Assessment 20% Supervised Written Assessment 15% Externally set task</p>	 <p>Costs Unit Pair \$65</p>
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