



Course Information

Sciences

Human Biology | HBY

 ATAR

A2HBY

Unit 2 Reproduction and inheritance

Students study the transfer of genetic information from parents to offspring via the replication of deoxyribonucleic acid (DNA). They study how reproductive systems are differentially specialised to support their roles in reproduction, including gamete production and facilitation of fertilisation and the support of pregnancy and birth in females.

Students look at reproductive technologies that can influence, identify or treat the effects of genetic or environmental factors that affect the development of the embryo. They study how inheritance can be predicted using established genetic principles. They also consider the limitations of their procedures and explore the ramifications of results that support or disprove their hypothesis. They are encouraged to use ICT in the analysis and interpretation of their data and presentation of their findings.



Prerequisites

Minimum **C grade** in
Year 10 English or
equivalent



Type of Assessment

20% Science Inquiry
15% Extended Response
25% Test
40% Examination



Year of Study

Year 11



Costs

Unit Cost \$45