

HIGHER HUMAN BIOLOGY ESSENTIAL INFORMATION

Which topics are covered at Higher?		What apps and websites can I use to support my learning?
Human Cells	division and differentiation in human cells	https://scholar.hw.ac.uk/courses/browse/H-CHBI/1/-1 https://www.bbc.co.uk/bitesize/subjects/zhstgp3 https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Human+Biology&level=NH
	structure and replication of DNA	
	gene expression	
	mutations	
	human genomics	
	metabolic pathways	
	cellular respiration	
Physiology and Health	energy systems in muscle cells	
	gamete production and fertilisation	
	hormonal control of reproduction	
	the biology of controlling fertility	
	antenatal and postnatal screening	
	the structure and function of arteries, capillaries and veins	
	the structure and function of the heart	
Neurobiology and Immunology	pathology of cardiovascular disease (CVD)	
	blood glucose levels and obesity	
	divisions of the nervous system and neural pathways	
	the cerebral cortex	
	memory	
	the cells of the nervous system and neurotransmitters at synapses	
	non-specific body defences	
specific cellular defences against pathogens		
immunisation		
clinical trials of vaccines and drugs		

Are there important dates of which I should be aware?

End Sept / October Formal Assessment Phase 1
 January – Formal Assessment Phase 2
 March – Assignment (20% of final grade)
 May – Final exam

How is the course assessed?

COMPONENT	DETAILS	LENGTH	MARKS	SCALED	%
FINAL EXAM Paper 1:	Multiple Choice	40 minutes	25 marks	25 marks	16.7%
FINAL EXAM Paper 2:	Short Response Questions	2 hours 20 mins	95 marks	95 marks	63.3%
INTERNAL EXAM: Assignment	Assignment - undertaken in class under close supervision. Submitted to SQA for marking	8 hours, of which a maximum of 2 hours is allowed for the report stage	20 marks	30 marks	20%

What resources do I need?

Resources from lessons (One Note and Teams)
Login details to essential websites (above)

Where can I find more information about the exam and assignment?

The SQA Understanding Standards provides exemplars and grades awarded.

<https://www.understandingstandards.org.uk/Subjects/HumanBiology>

Where do I find the past papers?

These are on One Note but you will also find past papers back to 2018 on the SQA site.

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Human+Biology&level=NH>

Where do I find more information about the course?

<https://www.sqa.org.uk/sqa/47915.html>

What else can I do to improve?

Attempt past papers (blind to marking instructions) and then check your answers.

Pay particular attention to command words in past paper questions and what the answer requires.

How do I ensure top marks?

Work consistently throughout the year.

Listen to and act on teacher feedback.

Prepare for all assessments.

Take advantage of study support opportunities.