

Bioleg Safon Uwch

Bwrdd Arholi

CBAC

Crynodeb o'r Cwrs

Mae Bioleg yn darparu cylch eang o wybodaeth o drefniant mewnol yr organeb mewn ffisioleg a chyd ddibyniaeth pethau byw mewn ecoleg, i faterion cymdeithasol ar effeithiau moesegol geneteg. Mae Bioleg yn cynnig dealltwriaeth o bethau byw.

SGILIAU'R PWNC

Deall ffeithiau Biolegol, terminoleg ac egwyddorion.

Deall goblygiadau moesol, cymdeithasol, amgylcheddol a thechnolegol Bioleg.

Cyflwyno gwybodaeth yn glir.

Dadansoddi data ac asesu gwerth arbrofion.

Cynllunio a gwneud arbrofion.

Dull / Manylion Asesu

	UNED	CYNNWYS	ASESU
UG	1	Biocemeg Sylfaenol a Threfniadaeth Celloedd	Arholiad ysgrifenedig: 1 awr 30 munud
	2	Bioamrywiaeth a Ffisioleg Systemau'r Corff	Arholiad ysgrifenedig: 1 awr 30 munud
UWCH A2	3	Egni, Homeostasis a'r Amgylchedd	Arholiad ysgrifenedig: 2 awr
	4	Amrywiad, Etifeddiad ac Opsiynau	Arholiad ysgrifenedig: 2 awr
	5	Arholiad ymarferol	Mae dwy dasg yn yr uned hon: <ul style="list-style-type: none">• Tasg Arbrofi• Tasg Dadansoddi Ymarferol

Llwybrau Dilyniant / Gyrfaol

Coleg a Phrifysgol - Milfeddygaeth, Deintyddiaeth, Ffisiotherapi, Nyrsio, Chwaraeon, Bioleg, Meddygaeth.

Swyddi - Meddygaeth a Swyddi Tebyg, Nyrsio, Ffisiotherapi, Gwaith Labordy, Ymchwil, Dysgu, Rheolaeth.

Biology A Level

Examination Board

WJEC

Course Summary

Biology provides a wide breadth of knowledge which ranges from the internal workings of organisms in physiology and the interdependence of living things in ecology to social issues and the ethical considerations of genetics. The study of Biology thus provides an insight into the living world.

SUBJECT SKILLS

Understanding biological facts, terminology and principles.

Understand the ethical, social, environmental and technological implications of Biology.

Present information clearly.

Interpret data and assess the validity of experiments.

Plan and carry out experiments.

Assesment Details / Methods

	UNIT	CONTENT	ASSESSMENT
AS	1	Basic Biochemistry and Cell Organisation	Written examination: 1 hour 30 minutes
	2	Biodiversity and Physiology of Body Systems	Written examination: 1 hour 30 minutes
A	3	Energy, Homeostasis and the Environment	Written examination: 2 hours
	4	Variation, Inheritance and Options	Written examination: 2 hours
	5	Practical examination	This unit comprises two tasks: <ul style="list-style-type: none">• Experimental Task• Practical Analysis Task

Progression Routes / Career

College and University – Veterinary Science, Dentistry, Physiotherapy, Nursing, Sport Science, Biological Sciences.

Careers - Medicine and Related Professions, Nursing, Physiotherapy, Laboratory Scientist, Research, Teaching, Management.