



**GCE Life and Health Sciences (A2 units) (A8011 & A8012)  
Grade Boundaries - Summer 2024**

Unit Level Uniform and Raw Mark Boundaries												
Notional Unit Level Grade	AZ01		AZ02		AZ03		AZ04		AZ05		AZ06	
	Scientific Method, Investigation, Analysis & Evaluation		Organic Chemistry		Medical Physics		Sound & Light		Genetics, Stem Cell Research & Cloning		Microbiology	
Max	Raw	UMS	Raw	UMS	Raw	UMS	Raw	UMS	Raw	UMS	Raw	UMS
		80	120	100	120	100	120	100	120	100	120	80
a	73	96	79	96	67	96	62	96	77	96	66	96
b	66	84	68	84	54	84	50	84	65	84	58	84
c	59	72	58	72	42	72	38	72	53	72	51	72
d	52	60	41	60	31	60	27	60	40	60	41	60
e	46	48	24	48	20	48	16	48	27	48	32	48

Subject Level Uniform Mark Boundaries			
A Level Single Award		A Level Double Award	
Max UMS	600	Max UMS	1200
A	480	AA	960
B	420	AB	900
C	360	BB	840
D	300	BC	780
E	240	CC	720
		CD	660
		DD	600
		DE	540
		EE	480

Unit Level Uniform and Raw Mark Boundaries								
Notional Unit Level Grade	AZ07		AZ08		AZ09		AZ10	
	Oral Health & Dentistry		Histology & Pathology		Analytical Chemistry Techniques		Enabling Technology	
Max	Raw	UMS	Raw	UMS	Raw	UMS	Raw	UMS
		80	120	80	120	80	120	80
a	74	96	72	96	73	96	70	96
b	68	84	65	84	68	84	65	84
c	63	72	59	72	63	72	60	72
d	54	60	52	60	55	60	51	60
e	45	48	46	48	47	48	43	48

A2 Single Award Cash-in (6 unit award)	Candidates must complete AS units S201, S202 and S203 along with mandatory A2 units AZ01 and AZ02 plus one optional unit from AZ03, AZ04 or AZ05.
A2 Double Award Cash-in (12 unit award)	Candidates must complete all six AS units S201 through S206 along with mandatory A2 units AZ01 and AZ02 plus one optional unit from AZ03, AZ04 or AZ05 as well as two optional units from AZ06, AZ07, AZ08, AZ09 or AZ10.

A\* Level weightings - AS units are weighted at 40% and A2 units are weighted at 60%.

The Uniform Mark boundaries do not change for the lifetime of the specification. The Raw Mark boundaries will be set independently in each examination series.

If you are planning to use these Raw Mark boundaries to estimate future performance and grades, they must be used with caution, as they change.

Candidates who completed AS units in Summer 2023 will have been awarded an overall UMS total for AS based on their performance in all units.

The AS UMS from Summer 2023 will be aggregated with A2 unit's UMS in Summer 2024 to arrive at a final UMS and grade for the subject.

Awarding A* A Level Single Award (6 units)	A* grade will be awarded to candidates who achieve both of the following criteria: 1 achieve grade A overall at A level (480+ UMS out of 600 UMS); and 2 achieve 90%, or more, of the maximum UMS in their A2 units (324+ UMS out of 360 UMS).
Awarding A*A* A Level Double Award (12 units)	An A*A* grade will be awarded to candidates who achieve both of the following criteria: 1 achieve grade AA overall at Double Award A level (960+ UMS out of 1200 UMS); and 2 achieve 90%, or more, of the maximum UMS in their six A2 units (648+ UMS out of 720 UMS).
Awarding A*A A Level Double Award (12 units)	An A*A grade will be awarded to candidates who achieve both of the following criteria: 1 achieve grade AA overall at Double Award A level (960+ UMS out of 1200 UMS); and 2 achieve 90%, or more, of the maximum UMS in their best three A2 units (324+ UMS out of 360 UMS).
A* is awarded at A* Level subject level only. A* is not awarded at AS subject level or for individual units.	