

Cambridge Nationals grade boundaries June 2024 series

Cambridge Nationals are unitised qualifications. This means the qualifications can be taken in chunks, or units, throughout the course. At the end of the course, you pull together all of the unit results into an overall qualification grade. The mark you get on each exam paper or coursework unit will be your unit mark. This is sometimes called a 'raw' mark.

However, the difficulty of Cambridge Nationals exam papers may vary. In order to make sure results are consistent from year to year, we convert the raw marks to a common scale with grade boundaries that do not change. This scale is known as the uniform mark scale (UMS).

A grade boundary is the minimum mark you need to get a grade. For example, if the unit grade boundary for a merit at Level 2 is 42 UMS, you need to get at least 42 UMS to achieve a merit at Level 2. A mark of 41 UMS would therefore be a pass at Level 2. The unit raw mark and UMS grade boundaries are provided within this document. If you want to convert a specific raw mark to UMS, you can use our online tool (ocr.org.uk/qualifications/convert-raw-marks-to-ums).

Units are graded as follows:

- 2* distinction* at Level 2
- d2 distinction at Level 2
- m2 merit at Level 2
- p2 pass at Level 2
- d1 distinction at Level 1
- m1 merit at Level 1
- p1 pass at Level 1

For more information about results and grade calculations, see https://www.ocr.org.uk/students/getting-your-results/

Qualification level UMS grade boundaries

To calculate your overall qualification grade, we add the UMS for each unit to get your total UMS. We then check the total UMS against the qualification UMS grade boundaries. These do not change and are shown below:

	ı	Max Mark	D*2	D2	M2	P2	D1	M1	P1	U
Level 1/2 Cambridge National	UMS	200	180	160	140	120	100	80	60	0

Unit level raw mark and UMS grade boundaries

10041 14/0 0 1 11 11 11 11 11 11 11 11 11

J809 Lev	el 1	/2 Cambridge National in Child Development										
				Max Mark	2*	d2	m2	p2	d1	m1	p1	u
R057	01	Health and well-being for child development (Written Paper)	Raw	70	48	43	37	31	26	22	18	0
			UMS	80	72	64	56	48	40	32	24	0
R058 A	01	Create a safe environment and understand the nutritional needs of children from birth to five years (Moderated Upload)	Raw	60	52	46	40	34	28	22	16	0
R058 B	02	Create a safe environment and understand the nutritional needs of children from birth to five years (Moderated Postal)	Raw	60	52	46	40	34	28	22	16	0
			UMS	60	54	48	42	36	30	24	18	0
R059 A	01	Understand the development of a child from one to five years (Moderated Upload)	Raw	60	52	46	40	34	28	22	16	0
R059 B	02	Understand the development of a child from one to five years (Moderated Postal)	Raw	60	52	46	40	34	28	22	16	0
			UMS	60	54	48	42	36	30	24	18	0

Jos4 Lev	rel 1/2 Cambridge National in Creative iMedia										
			Max Mark	2*	d2	m2	p2	d1		р1	u
R093	01 Creative iMedia in the media industry (Written Paper)	Raw	70	57	51	43	35	29	23	17	0
		UMS	80	72	64	56	48	40	32	24	0
R094 A	01 Visual identity and digital graphics (Moderated Upload)	Raw	50	45	40	35	30	25	20	15	0
R094 B	02 Visual identity and digital graphics (Moderated Postal)	Raw	50	45	40	35	30	25	20	15	0
		UMS	50	45	40	35	30	25	20	15	0
R095 A	01 Characters and comics (Moderated Upload)	Raw	70	63	56	48	41	34	27	21	0
R095 B	02 Characters and comics (Moderated Postal)	Raw	70	63	56	48	41	34	27	21	0
		UMS	70	63	56	49	42	35	28	21	0
R096 A	01 Animation with audio (Moderated Upload)	Raw	70	63	56	48	41	34	27	21	0
R096 B	02 Animation with audio (Moderated Postal)	Raw	70	63	56	48	41	34	27	21	0
		UMS	70	63	56	49	42	35	28	21	0
R097 A	01 Interactive digital media (Moderated Upload)	Raw	70	63	56	48	41	34	27	21	0
R097 B	02 Interactive digital media (Moderated Postal)	Raw	70	63	56	48	41	34	27	21	0
		UMS	70	63	56	49	42	35	28	21	0
R098 A	01 Visual imaging (Moderated Upload)	Raw	70	63	56	48	41	34	27	21	0
098 B	02 Visual imaging (Moderated Postal)	Raw	70	63	56	48	41	34	27	21	0
		UMS	70	63	56	49	42	35	28	21	0
R099 A	01 Digital games (Moderated Upload)	Raw	70	63	56	48	41	34	27	21	0
099 B	02 Digital games (Moderated Postal)	Raw	70	63	56	48	41	34	27	21	C
		UMS	70	63	56	49	42	35	28	21	0



J822 Le	evel 1/	2 Cambridge National in Engineering Design										
				Max Mark	2*	d2	m2	p2	d1		p1	u
R038	01	Principles of engineering design (Written Paper)	Raw	70	58	53	46	39	32	26	20	0
D020 A	04	O-manusia dia matana (Madamata di Ilala di)	UMS	80	72	64	56	48	40	32		0
R039 A R039 B		Communicating designs (Moderated Upload) Communicating designs (Moderated Postal)	Raw Raw	60 60	54 54	48 48	42 42	36 36	30 30	24	18 18	0
K039 B	02	Communicating designs (Moderated Postar)	UMS	60	54	48	42	36	30	24	18	0
R040 A	01	Design evaluation and modelling (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R040 B		Design evaluation and modelling (Moderated Postal)	Raw	60	54	48	42	36	30		18	0
			UMS	60	54	48	42	36	30	24	18	0
1022 6	wal 4	2 Combridge National in Engineering Manufacture										
J623 Le	ever 1/	2 Cambridge National in Engineering Manufacture		Max Mark	2*	d2	m2	p2	d1	m1	p1	u
R014	01	Principles of engineering manufacture (Written Paper)	Raw	70	57	52	45	38	31	25	19	0
			UMS	80	72	64	56	48	40	32	24	0
R015 A	01	Manufacturing a one-off product (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R015 B	02	Manufacturing a one-off product (Moderated Postal)	Raw	60	54	48	42	36	30		18	0
			UMS	60	54	48	42	36	30	24		0
R016 A		Manufacturing in quantity (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R016 B	02	Manufacturing in quantity (Moderated Postal)	Raw	60	54	48	42	36	30		18	0
			UMS	60	54	48	42	36	30	24	18	U
J824 Le	evel 1/	2 Cambridge National in Engineering Programmable Systems										
				Max Mark	2*	d2	m2	p2	d1		p1	
R047	01	Principles of electronic and programmable systems (Written Paper)	Raw	70	55	49	41	34	28		17	0
			UMS	80	72	64	56	48	40		24	0
R048 A		Making and testing electronic circuits (Moderated Upload)	Raw	60	53	47	41	35	29		17	0
R048 B	02	Making and testing electronic circuits (Moderated Postal)	Raw	60	53	47	41	35	29		17	0
D040 A	0.4		UMS	60	54	48	42	36	30	24	18	0
R049 A		Developing programmable systems (Moderated Upload)	Raw	60	53	47	41	35	29	23		0
R049 B	02	Developing programmable systems (Moderated Postal)	Raw UMS	60 60	53 54	47 48	41 42	35 36	29 30		17 18	0
			UNIS	00	54	40	42	30	30	24	10	U
J837 Le	evel 1/	2 Cambridge National in Enterprise and Marketing										
				Max Mark	2*	d2	m2	p2	d1	m1	р1	u
R067	01	Enterprise and marketing concepts (Written Paper)	Raw	70	60	53	44	36	30	24	18	0
			UMS	80	72	64	56	48	40	32	24	0
R068 A	01	Design a business proposal (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R068 B	02	Design a business proposal (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R069 A		Market and pitch a business proposal (Moderated Upload)	Raw	60	54	48	42	36	30	24		0
R069 B	02	Market and pitch a business proposal (Moderated Postal)	Raw UMS	60	54 54	48 48	42 42	36 36	30 30	24	18	0
			UNS	60	34	40	42	30	30	24	10	0
J835 Le	vel 1/	2 Cambridge National in Health and Social Care										
				Max Mark	2*	d2	m2	p2	d1		p1	u
R032	01	Principles of care in health and social care settings (Written Paper)	Raw	70	43	38	32	27	23	20	17	0
			UMS	80	72	64	56	48	40	32	24	0
R033 A	01	Supporting individuals through life events (Moderated Upload)	D	60	52	46	40	34	28	22	16	0
R033 B			Raw					34	28	22	16	0
	02	Supporting individuals through life events (Moderated Postal)	Raw	60	52	46	40					_
			Raw UMS	60 60	54	48	42	36	30	24	18	0
R034 A	. 01	Creative and therapeutic activities (Moderated Upload)	Raw UMS Raw	60 60	54 52	48 46	42 40	36 34	30 28	22	16	0
R034 A	. 01		Raw UMS Raw Raw	60 60 60	54 52 52	48 46 46	42 40 40	36 34 34	30 28 28	22 22	16 16	0 0
R034 A R034 B	01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal)	Raw UMS Raw Raw UMS	60 60 60 60	54 52 52 54	48 46 46 48	42 40 40 42	36 34 34 36	30 28 28 30	22 22 24	16 16 18	0 0 0
R034 A R034 B R035 A	01 02 01	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload)	Raw UMS Raw Raw UMS	60 60 60 60 60	54 52 52 54 52	48 46 46 48 46	42 40 40 42 40	36 34 34 36 34	30 28 28 30 28	22 22 24 22	16 16 18 16	0 0 0
R034 A R034 B	01 02 01	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal)	Raw UMS Raw Raw UMS	60 60 60 60	54 52 52 54	48 46 46 48	42 40 40 42	36 34 34 36	30 28 28 30	22 22 24 22 22	16 16 18	0 0 0
R034 A R034 B R035 A R035 B	01 02 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal)	Raw UMS Raw Raw UMS Raw Raw	60 60 60 60 60 60	54 52 52 54 52 52	48 46 46 48 46 46	42 40 40 42 40 40	36 34 34 36 34 34	30 28 28 30 28 28	22 22 24 22 22	16 16 18 16 16	0 0 0
R034 A R034 B R035 A R035 B	01 02 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload)	Raw UMS Raw Raw UMS Raw Raw	60 60 60 60 60 60 60 60	54 52 52 54 52 52 54	48 46 46 48 46 46 48	42 40 40 42 40 40 42	36 34 36 34 34 36	30 28 28 30 28 28 30	22 22 24 22 22 24	16 16 18 16 16 18	0 0 0 0 0
R034 A R034 B R035 A R035 B	01 02 01 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) 2 Cambridge National in IT	Raw UMS Raw Raw UMS Raw Raw UMS	60 60 60 60 60 60 60 60	54 52 52 54 52 52 54 2*	48 46 46 48 46 46 48	42 40 40 42 40 40 42 m2	36 34 36 34 34 36 p2	30 28 28 30 28 28 30 d1	22 22 24 22 22 24 m1	16 16 18 16 16 18	0 0 0 0 0
R034 A R034 B R035 A R035 B	01 02 01 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal)	Raw UMS Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 60 70	54 52 52 54 52 52 54 2* 49	48 46 46 48 46 46 48 dd 48	42 40 40 42 40 40 42 m2 35	36 34 34 36 34 36 p2 27	30 28 28 30 28 28 30 d1 22	22 22 24 22 22 24 m1 18	16 16 18 16 16 18 p1	0 0 0 0 0 0
R034 A R034 B R035 A R035 B J836 Le	01 02 01 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) Z Cambridge National in IT IT in the digital world (Written Paper)	Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 60 Max Mark 70 80	54 52 52 54 52 52 54 2* 49 72	48 46 46 48 46 46 48 d2 43 64	42 40 40 42 40 42 m2 35 56	36 34 36 34 36 36 p2 27 48	30 28 28 30 28 28 30 d1 22 40	22 24 22 22 24 m1 18 32	16 16 18 16 16 18 p1 14 24	0 0 0 0 0 0
R034 A R034 B R035 A R035 B J836 Le R050	01 02 01 01 01 01	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) Z Cambridge National in IT IT in the digital world (Written Paper) Data manipulation using spreadsheets (Moderated Upload)	Raw UMS Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 60 Max Mark 70 80	54 52 52 54 52 52 54 2* 49 72 53	48 46 46 48 46 46 48 d2 43 64	42 40 40 42 40 40 42 m2 35 56	36 34 36 34 36 36 p2 27 48 35	30 28 28 30 28 28 30 d1 22 40	22 24 22 22 24 m1 18 32 23	16 16 18 16 16 18 p1 14 24	0 0 0 0 0 0 0
R034 A R034 B R035 A R035 B J836 Le R050	01 02 01 01 01 01	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) Z Cambridge National in IT IT in the digital world (Written Paper)	Raw UMS Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 Max Mark 70 80 60	54 52 52 54 52 52 54 52 54 49 72 53 53	48 46 46 48 46 46 48 d2 43 64 47	42 40 40 42 40 40 42 35 56 41 41	36 34 36 34 36 36 p2 27 48 35 35	30 28 28 30 28 28 30 d1 22 40 29 29	22 24 22 22 24 m1 18 32 23 23	16 18 16 16 18 p1 14 24 17	0 0 0 0 0 0 0
R034 A R034 B R035 A R035 B J836 Le R050 R060 A R060 B	01 02 01 01 01 01 01 02	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) Z Cambridge National in IT IT in the digital world (Written Paper) Data manipulation using spreadsheets (Moderated Upload) Data manipulation using spreadsheets (Moderated Postal)	Raw UMS Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 60 Max Mark 70 80	54 52 52 54 52 52 54 2* 49 72 53	48 46 46 48 46 46 48 d2 43 64	42 40 40 42 40 40 42 m2 35 56	36 34 36 34 36 36 p2 27 48 35	30 28 28 30 28 28 30 d1 22 40	22 24 22 22 24 m1 18 32 23	16 16 18 16 16 18 p1 14 24	0 0 0 0 0 0 0
R034 A R034 B R035 A R035 B J836 Le R050	01 02 01 01 01 01 01 02 01	Creative and therapeutic activities (Moderated Upload) Creative and therapeutic activities (Moderated Postal) Health promotion campaigns (Moderated Upload) Health promotion campaigns (Moderated Postal) Z Cambridge National in IT IT in the digital world (Written Paper) Data manipulation using spreadsheets (Moderated Upload)	Raw UMS Raw UMS Raw UMS Raw UMS Raw UMS	60 60 60 60 60 60 60 Max Mark 70 80 60 60	54 52 52 54 52 52 54 52 54 49 72 53 53 54	48 46 46 48 46 48 46 48 dd 47 47 47	42 40 40 42 40 40 42 35 56 41 41 42	36 34 36 34 36 36 p2 27 48 35 35 35 36	30 28 28 30 28 28 30 d1 22 40 29 29 30	22 24 22 22 24 m1 18 32 23 23 24	16 18 16 16 18 18 p1 14 24 17 17	0 0 0 0 0 0 0 0



				Max Mark	2*	d2	m2	p2	d1	m1	p1	
180	01	Reducing the risk of sports injuries and dealing with common medical conditions (Written Paper)	Raw	70	43	38	32	26	21	17	13	
		\ 1 /	UMS	80	72	64	56	48	40	32	24	
81 A	01	Applying the principles of training: fitness and how it affects skill performance (Moderated Upload)	Raw	80	70	62	54	46	38	30	22	
81 B	02	Applying the principles of training: fitness and how it affects skill performance (Moderated Postal)	Raw	80	70	62	54	46	38	30	22	
			UMS	80	72	64	56	48	40	32	24	
182 A	01	The body's response to physical activity and how technology informs this (Moderated Upload)	Raw	40	33	29	25	21	17	13	9	
182 B	02	The body's response to physical activity and how technology informs this (Moderated Postal)	Raw	40	33	29	25	21	17	13	9	
			UMS	40	36	32	28	24	20	16	12	
83 A	01	Nutrition and sports performance (Moderated Upload)	Raw	40	33	29	25	21	17	13	9	
						00	25	04	47	40	9	
183 B	02	Nutrition and sports performance (Moderated Postal)	Raw	40	33	29		21	17	13		
183 B	02	Nutrition and sports performance (Moderated Postal)	Raw UMS	40 40	33 36	32	25 28	24	20		12	
183 B 829 Lev		Nutrition and sports performance (Moderated Postal) // Cambridge National in Sport Studies										
										16	12	
29 Lev	/el 1			40	36	32	28	24	20	16	12	
29 Lev	/el 1	/2 Cambridge National in Sport Studies	UMS	40 Max Mark	36 2 *	32 d2	28 m2	24 p2	20 d1	16 m1 17 32	12 p1 13 24	
29 Lev	vel 1	/2 Cambridge National in Sport Studies	UMS	40 Max Mark 70	36 2* 47	32 d2 41 64 62	28 m2 33	24 p2 26	20 d1 21	16 m1 17	12 p1 13 24 22	
29 Lev 84	01	/2 Cambridge National in Sport Studies Contemporary issues in sport (Written Paper)	UMS Raw UMS	40 Max Mark 70 80	36 2* 47 72	32 d2 41 64	28 m2 33 56	24 p2 26 48	20 d1 21 40	16 m1 17 32	12 p1 13 24 22	
29 Lev	01	/2 Cambridge National in Sport Studies Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload)	Raw UMS Raw	40 Max Mark 70 80 80	36 2* 47 72 70	32 d2 41 64 62	28 m2 33 56 54	24 p2 26 48 46	20 d1 21 40 38	16 m1 17 32 30 30	12 p1 13 24 22	
	01 01 02	/2 Cambridge National in Sport Studies Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload)	Raw UMS Raw Raw	40 Max Mark 70 80 80 80	36 2* 47 72 70 70	32 41 64 62 62	28 m2 33 56 54 54	24 p2 26 48 46 46	20 d1 21 40 38 38	16 m1 17 32 30 30	12 p1 13 24 22 22	
29 Lev 84 85 A 85 B	01 01 01 02	Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload) Performance and leadership in sports activities (Moderated Postal)	Raw UMS Raw Raw UMS	40 Max Mark 70 80 80 80 80 80	36 2* 47 72 70 70 72	32 41 64 62 62 64	28 m2 33 56 54 54 56	24 p2 26 48 46 46 48	20 d1 21 40 38 38 40	16 m1 17 32 30 30 30 32	12 p1 13 24 22 22 24	
29 Lev 84 85 A 85 B	01 01 01 02	Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload) Performance and leadership in sports activities (Moderated Postal) Sport and the media (Moderated Upload)	Raw UMS Raw Raw UMS Raw	40 Max Mark 70 80 80 80 80 40	36 2* 47 72 70 70 72 34	32 41 64 62 62 64 30	28 m2 33 56 54 54 56 26	24 p2 26 48 46 46 48 22	20 d1 21 40 38 38 40 18	16 m1 17 32 30 30 32 14	12 p1 13 24 22 22 24 10	
29 Lev 84 85 A 85 B	01 01 02 01 02	Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload) Performance and leadership in sports activities (Moderated Postal) Sport and the media (Moderated Upload)	Raw UMS Raw UMS Raw UMS Raw Raw	40 Max Mark 70 80 80 80 80 40 40	36 2* 47 72 70 70 72 34 34	32 41 64 62 62 64 30 30	28 m2 33 56 54 54 56 26 26	24 p2 26 48 46 46 48 22 22	20 d1 21 40 38 38 40 18 18	16 m1 17 32 30 30 32 14 14	12 p1 13 24 22 22 24 10 10	
84 85 A 85 B 86 A 86 B	01 01 02 01 02	Contemporary issues in sport (Written Paper) Performance and leadership in sports activities (Moderated Upload) Performance and leadership in sports activities (Moderated Postal) Sport and the media (Moderated Upload) Sport and the media (Moderated Postal) Increasing awareness of Outdoor and Adventurous Activities (Moderated	Raw UMS Raw UMS Raw UMS	Max Mark 70 80 80 80 40 40 40	36 2* 47 72 70 70 72 34 34 36	32 41 64 62 62 64 30 30 32	28 m2 33 56 54 54 56 26 26 28	24 p2 26 48 46 46 48 22 22 24	20 d1 21 40 38 38 40 18 18 20	16 m1 17 32 30 30 32 14 14 16	12 p1 13 24 22 22 24 10 10 12	