How to calculate your Grade Point Average (GPA)

This section explains how to calculate your GPA. In general, this information applies to all GEMPASS Australia medical schools and the Doctor of Dental Surgery at the University of Melbourne, but please note local variations outlined on university websites and in the university-specific information pages in the Medicine Admissions Guide and Dentistry Admissions Guide. The Doctor of Optometry at the University of Melbourne uses a Weighted Average Mark (WAM) so this information is not relevant for that course.

You can use this information to create your own GPA calculator in a spreadsheet, or you can use the online GPA calculator. Your GPA calculation will be an estimation for your information only.

GEMSAS will use percentage results to calculate your GPA and will use grades only where percentage results are not provided on transcripts or results retrieved electronically through ARTS.

Exception: UQ will use grades preferentially before using marks if grades are not available.

Before you calculate your GPA, you should read the following sections in the Admissions Guide:

'Application process', 'How to Apply' and 'Entry requirements – All applicants'.

Although some schools use postgraduate studies in GPA calculations, these instructions are for undergraduate studies. You can follow the instructions given here for undergraduate study and use the same principles to calculate your GPA using your postgraduate results if you are applying for one of the schools that use them. Please see the Admissions Guide for this information.

The GPA is calculated from the last three 'GPA years', where a 'GPA year' is the equivalent of one year of full-time study (1 FTE). This may not necessarily be the same as a calendar year or all results at one level of study. For example, if a full-time study load at a university is 8 subjects, with each subject worth 6 credit points, a 'GPA year' will be 48 credit points worth of subjects. Even if the 48 credits are completed over two or more calendar years, it is still equivalent to one year of full-time study (1 FTE). Similarly, a 144 credit accelerated degree completed over two calendar years will still be equivalent to three years of full-time study (3 FTE).

Step One

Group your subjects into GPA years. The three full-time equivalent years of study used to calculate the GPA are referred to as Final Year, Final-1 Year, and Final-2 Year, where the Final Year is the most recent.

Exception: UQ will use all subjects from the most recent eligible qualification (regardless of FTE) and does not have separate GPA years. For UQ calculations you should treat all subjects from the degree as being in one GPA Year.

3-year Bachelor degrees

Where applicants have undertaken a Bachelor degree which can normally be completed in 3 years of full-time study (e.g. Commerce, Arts) and they have not failed any subjects, nor undertaken any additional subjects beyond the requirements for graduation, all the subjects studied in this degree will be used in the GPA calculations.

For example, if your degree is a 3-year BSc requiring 300 credit points of completed subjects, you should divide your subjects into 3 groups of 100 credit points each (or as close as possible), based on the order you completed them. Any failed or repeated subjects should be included in which case the total study in your degree may exceed 300 credits points and some earlier subjects may be excluded from your GPA - see below.

Longer courses

Applicants who have completed degrees of more than 3 years in duration – e.g. Law, Engineering – should only use the subjects which comprise the last 3 FTE of study. For instance, if your course was a 5-year degree requiring 180 credit points, you should divide the subjects into 5 groups of 36 credit points each. Only the final 3FTE will be used and the subjects in the first two groups will not be included in the GPA calculations.

Similarly, if you undertook a 1 FTE Honours course after finishing a 3-year Bachelor degree, you should not include the subjects studied in the first year of your Bachelor degree.

Study in the current year

If you are completing your qualifying degree at the end of this year and already have your first semester results, you should include them in your GPA calculations. They will typically only constitute half of the Final year results. Leave space in the Final GPA year for any other subjects you will be completing this year and group your subjects into three 'GPA years' as described above. If your Final GPA year does not meet the minimum FTE load for a GPA year for the institution you are calculating a GPA for then you should not include these subjects and your GPA will be based on Final-1 and Final-2 GPA years only.

Part-time study and multiple study claims

If you completed the equivalent of 3 FTE of study over 6 years part time, you should still divide all the subjects into 3 roughly equal groups, based on the order you completed them. These groups constitute your Final, Final-1 and Final-2 GPA years.

If you have completed a combined degree or transferred between different universities or courses or have received credit for prior studies (including study abroad or exchange semesters), you must record all such enrolments within the relevant three year full-time-equivalent period. Starting with the most recently completed study (or a degree that will be completed this year) you will need to work out how much credit was received from other universities or courses – see GEMSAS Grade Point Average calculations document for more details. Of the study completed within your main degree and any prior credit received, the most recent 3 FTE of study will be used for the GPA. This needs to be divided into Final, Final-1 and Final-2 GPA years chronologically.

Note that it may be difficult for you to estimate a GPA in this circumstance, and you may wish to use the paid GPA calculation service; please email info@gemsas.edu.au to access the paid service.

Step Two

Using the groupings of subjects described in Step One, list the subjects making up the last 3 FTE of study in chronological order, in their year groupings. All results from the last 3 FTE of study, including fails, ungraded subjects, and repeated subjects, must be included. You can use the GEMSAS GPA calculator or a spreadsheet to record your results.

For each subject enter the subject name or subject code. Remember that the 'GPA Year' refers to Final-2, Final-1 and Final years, so each GPA year may include subjects taken in different calendar years, or subjects taken at different levels. For instance, you may have taken a first-year subject in the final year of your degree so that will be counted in the Final GPA year.

Unit value of subject

Each subject from your degree should have an associated credit point value. Enter the credit point value of each subject as they appear on your transcript. For failed subjects, enter the credit point value you would have received, had you passed the subject.

Results (Grades/Marks)

Enter the result received in each subject exactly as reported on the transcript (e.g. DN, or 76). When both letter grades and percentages are given, use the percentages. If you have only letter grades you will use those. From the conversion table (Appendix B) find the GPA for each subject. If your study is from an Overseas Institution, please refer to the GEMSAS Overseas Qualification Assessments process and FAQs documents for specific information.

Note: If you have an ungraded pass:

- In the GEMSAS online calculator please ensure you select the UGP option when entering this subject
- If using a spreadsheet, do not enter this subject. It will contribute to the subjects assigned to the GPA year, however it should not be included in the upcoming calculations.

Preparing for GPA calculation (spreadsheet only)

You will now create one final data item for each subject by multiplying the GPA by the credit points. You will now have the following information for each subject:

- Subject name or code
- Credit points (C)
- Result (as a percentage or grade)
- GPA (from the conversion table)
- Value of GPA x credit points (P)

Step Three

The GPA calculation

Start by taking the subjects that have been allocated to the Final GPA year so the GPA for Final year can be calculated.

(i) Add the credit points of all subjects (including those failed and/or repeated) in the GPA year.

$$C_{\text{final year}} = C_{\text{subject1}} + C_{\text{Subject2}} + C_{\text{Subject3}} + \ldots$$

(ii) Add the Values of GPA grades x credit points (including those failed and/or repeated) for all subjects within each GPA year.

$$P_{\text{final year}} = P_{\text{subject1}} + P_{\text{Subject2}} + P_{\text{Subject3}} + \ldots$$

(iii) To calculate the GPA for Final year, divide the newly calculated total of P values by the total of C values.

$$GPA_{\text{Final year}} = P_{\text{final year}} / C_{\text{final year}}$$

(iv) Repeat steps (i), (ii), and (iii) for the remaining GPA years to find "$GPA_{\text{Final-1 year}}$" and "$GPA_{\text{Final-2 year}}$".

You should now have three GPAs (for Final-2, Final-1 and Final years).

Weighted GPA

Most universities use a weighted GPA calculated as follows:

$$GPA = ((GPA_{\text{Final-2 year}} \times 1) + (GPA_{\text{Final-1 year}} \times 2)) + (GPA_{\text{Final year}} \times 3))/6$$

Exceptions:

For the University of Melbourne Doctor of Medicine and Doctor of Dental Surgery the weighted GPA is calculated as follows:

$$GPA = ((GPA_{Final\text{-}2\ year} \times 1) + (GPA_{Final\text{-}1\ year} \times 2)) + (GPA_{Final\ year} \times 2))/5$$

When calculating your GPA, please check the individual school sections of the Admissions Guide to ensure that you are using the correct weighting for your preferenced institution.

Unweighted GPA

For those universities that use unweighted GPAs, simply find the average of the three GPA Years.

$$GPA = (GPA_{Final\text{-}2\ year} + GPA_{Final\text{-}1\ year} + GPA_{Final\ year})/3$$

Example

Imagine that the results provided for an applicant with a three-year Bachelor degree are as below, and that 100 credits per year is considered a full-time study load at this university.

Year	Semester	Subject	Credit points	Result
2017	1	Subject 1	12.5	78
2017	1	Subject 2	12.5	93
2017	1	Subject 3	12.5	67
2017	1	Subject 4	12.5	89
2017	2	Subject 5	12.5	59
2017	2	Subject 6	12.5	53
2017	2	Subject 7	12.5	70
2017	2	Subject 8	12.5	76
2018	1	Subject 9	12.5	78
2018	1	Subject 10	12.5	83
2018	1	Subject 11	12.5	88
2018	1	Subject 12	12.5	65
2018	2	Subject 13	12.5	73
2018	2	Subject 14	12.5	92
2018	2	Subject 15	12.5	64
2018	2	Subject 16	12.5	87
2019	1	Subject 17	12.5	59
2019	1	Subject 18	12.5	84
2019	1	Subject 19	12.5	77
2019	1	Subject 20	12.5	74
2019	2	Subject 21	12.5	65
2019	2	Subject 22	12.5	74
2019	2	Subject 23	12.5	83
2019	2	Subject 24	12.5	86

Step 1

We assign the subjects to GPA years working backwards until all years have 1 FTE of study.

Year	Semester	Subject	Credit points	Result
2017	1	Subject 1	12.5	78
2017	1	Subject 2	12.5	93
2017	1	Subject 3	12.5	67
2017	1	Subject 4	12.5	89
2017	2	Subject 5	12.5	59
2017	2	Subject 6	12.5	53
2017	2	Subject 7	12.5	70
2017	2	Subject 8	12.5	76
2018	1	Subject 9	12.5	78
2018	1	Subject 10	12.5	83
2018	1	Subject 11	12.5	88
2018	1	Subject 12	12.5	65
2018	2	Subject 13	12.5	73
2018	2	Subject 14	12.5	92
2018	2	Subject 15	12.5	64
2018	2	Subject 16	12.5	87
2019	1	Subject 17	12.5	59
2019	1	Subject 18	12.5	84
2019	1	Subject 19	12.5	77
2019	1	Subject 20	12.5	74
2019	2	Subject 21	12.5	65
2019	2	Subject 22	12.5	74
2019	2	Subject 23	12.5	83
2019	2	Subject 24	12.5	86

Final-minus-2 Year
Final-minus-1 Year
Final year

Step 2

Calculate the GPA values from the table in Appendix B, or by typing the results into the GEMSAS GPA calculator.

Year	Semester	Subject	Credit points	Result	GPA
2017	1	Subject 1	12.5	78	6.5
2017	1	Subject 2	12.5	93	7
2017	1	Subject 3	12.5	67	5.5
2017	1	Subject 4	12.5	89	7
2017	2	Subject 5	12.5	59	4.5
2017	2	Subject 6	12.5	53	4
2017	2	Subject 7	12.5	70	6
2017	2	Subject 8	12.5	76	6.5
2018	1	Subject 9	12.5	78	6.5
2018	1	Subject 10	12.5	83	7
2018	1	Subject 11	12.5	88	7
2018	1	Subject 12	12.5	65	5.5
2018	2	Subject 13	12.5	73	6
2018	2	Subject 14	12.5	92	7
2018	2	Subject 15	12.5	64	5
2018	2	Subject 16	12.5	87	7
2019	1	Subject 17	12.5	59	4.5
2019	1	Subject 18	12.5	84	7
2019	1	Subject 19	12.5	77	6.5
2019	1	Subject 20	12.5	74	6
2019	2	Subject 21	12.5	65	5.5
2019	2	Subject 22	12.5	74	6
2019	2	Subject 23	12.5	83	7
2019	2	Subject 24	12.5	86	7

Final-minus-2 Year
Final-minus-1 Year
Final year

Step 3

Calculate the credit points multiplied by the GPA for each subject.

Year	Semester	Subject	Credit points (C)	Result	GPA	Credit points x GPA (P)
2017	1	Subject 1	12.5	78	6.5	81.25
2017	1	Subject 2	12.5	93	7	87.5
2017	1	Subject 3	12.5	67	5.5	68.75
2017	1	Subject 4	12.5	89	7	87.5
2017	2	Subject 5	12.5	59	4.5	56.25
2017	2	Subject 6	12.5	53	4	50
2017	2	Subject 7	12.5	70	6	75
2017	2	Subject 8	12.5	76	6.5	81.25
2018	1	Subject 9	12.5	78	6.5	81.25
2018	1	Subject 10	12.5	83	7	87.5
2018	1	Subject 11	12.5	88	7	87.5
2018	1	Subject 12	12.5	65	5.5	68.75
2018	2	Subject 13	12.5	73	6	75
2018	2	Subject 14	12.5	92	7	87.5
2018	2	Subject 15	12.5	64	5	62.5
2018	2	Subject 16	12.5	87	7	87.5
2019	1	Subject 17	12.5	59	4.5	56.25
2019	1	Subject 18	12.5	84	7	87.5
2019	1	Subject 19	12.5	77	6.5	81.25
2019	1	Subject 20	12.5	74	6	75
2019	2	Subject 21	12.5	65	5.5	68.75
2019	2	Subject 22	12.5	74	6	75
2019	2	Subject 23	12.5	83	7	87.5
2019	2	Subject 24	12.5	86	7	87.5

Final-minus-2 Year
Final-minus-1 Year
Final year

$C_{\text{Final year}} = 12.5 + 12.5 + 12.5 + 12.5 + 12.5 + 12.5 + 12.5 + 12.5 = 100$

$P_{\text{Final year}} = 56.25 + 87.5 + 81.25 + 75 + 68.75 + 75 + 87.5 + 87.5 = 618.75$

$GPA_{\text{Final year}} = P_{\text{Final year}} / C_{\text{Final year}} = 618.75 / 100 = 6.1875$

Repeating this for Final-1 Year and Final-2 Year:

$GPA_{\text{Final-1 year}} = P_{\text{Final-1 year}} / C_{\text{Final-1 year}} = 637.5 / 100 = 6.375$

$GPA_{\text{Final-2 year}} = P_{\text{Final-2 year}} / C_{\text{Final-2 year}} = 587.5 / 100 = 5.875$

The last step is to combine the separate GPA years into the Final GPA. For an institution with a standard weighted GPA we get:

$GPA = ((GPA_{\text{Final-2 year}} \times 1) + (GPA_{\text{Final-1 year}} \times 2)) + (GPA_{\text{Final year}} \times 3))/6$

$= ((5.875 \times 1) + (6.375 \times 2) + (6.1875 \times 3))/6$

$= 37.1875 / 6 = 6.198$

And we can calculate the unweighted GPA as below:

$GPA = (GPA_{\text{Final-2 year}} + GPA_{\text{Final-1 year}} + GPA_{\text{Final year}})/3$

$= (5.875 + 6.375 + 6.1875)/3$

$= 18.4375 / 3 = 6.146$

Appendix A: Institutions Participating in ARTS (Automated Results Transfer System)

You do NOT need to provide academic transcripts for studies undertaken at the following institutions:

AUSTRALIAN CAPITAL TERRITORY

Australian National University	Canberra CAE	University of Canberra
Australian Catholic University	Canberra Institute of the Arts	

NEW SOUTH WALES

Australian Catholic University	University of Wollongong	University of New South Wales
Sydney College of the Arts	Western Sydney University (University of Western Sydney)	Charles Sturt University
University of New England	New South Wales Institute of Technology	Macquarie University
University of Newcastle	Southern Cross University	University of Sydney
University of Technology, Sydney	CQ University	University of Notre Dame, Australia

NORTHERN TERRITORY

Charles Darwin University (formerly Northern Territory University)
Darwin Institute of Technology

QUEENSLAND

Australian Catholic University	Griffith University	Queensland Institute of Technology
Bond University	James Cook University	CQ University
Queensland University of Technology	Darling Downs IAE	University of Queensland, The (UQ)
Gold Coast CAE	University of Southern Queensland	Queensland Agricultural CAE
Queensland Institute of Technology (Capricornia)	University of the Sunshine Coast	

SOUTH AUSTRALIA

The University of Adelaide	University of South Australia	Flinders University of South Australia
CQ University		

TASMANIA

Australian Maritime College
Tasmanian CAE

Tasmanian State Institute of Technology
University of Tasmania

VICTORIA

Australian Catholic University	CQ University	Victoria College - all campuses 1985 onwards
La Trobe University	Swinburne University of Technology	Victoria University (formerly Victoria University of Technology)
Deakin University	University of Melbourne	Federation University Australia (formerly University of Ballarat)
Victorian College of the Arts	Monash University	RMIT University
Warrnambool IAE	Caulfield Institute of Technology	Royal Melbourne Institute of Technology

WESTERN AUSTRALIA

Edith Cowan University	Curtin University (Curtin University of Technology)	The University of Western Australia
Western Australian CAE	Murdoch University	Western Australian Institute of Technology
University of Notre Dame, Australia		

AUSTRALIA

Open Universities Australia

PLEASE NOTE: Any qualification undertaken in a language other than English must be documented by the original transcript, accompanied by an officially translated original (by a NAATI translator), in English.

Scans of original hard copy translations (featuring the translator's original stamp and signature on every page) can be uploaded in your account. Please see the Academic Document Submission Requirements for instructions on supplying digital translation documents (which feature a digitally inserted stamp or QR code.

Appendix B: Grading System Conversion Table

A	Subject GPA	B	C	D	E	F	G	H
100	7							
99	7							
98	7							
97	7							
96	7							
95	7							
94	7	HD/7	HD	HD	HD/>=7/A	H1	>=8	A+/A/A-
93	7	7	7	7	7	7	7	7
92	7							
91	7							
90	7							
89	7							
88	7							
87	7							
86	7							
85	7							
84	7							
83	7							
82	7							
81	7							
80	7	D/6	D	D				
79	6.5	6.75	6.75	6.75				
78	6.5							
77	6.5					H2A		B+
76	6.5					6.5		6.5
75	6.5				D/DI/6/B/DN		7	
74	6				6.25		6.25	
73	6							
72	6					H2B		B
71	6					6		6
70	6							
69	5.5	CR/5	CR	C		H3		B-
68	5.5	5.75	5.75	5.5		5.5		5.5
67	5.5							
66	5.5							
65	5.5				CR/5/C		6	
64	5				5.25		5.25	
63	5							
62	5							C+
61	5							5
60	5							
59	4.5	P/4	Pass Div 1					
58	4.5	4.5	4.75			P		
57	4.5					4.5		C
56	4.5			P	P/PA/4/D		5	4.5
55	4.5			4.25	4.25		4.25	
54	4							
53	4							
52	4		Pass Div II					C-
51	4		4					4
50	4							
49	0							
48	0							
47	0	UP/CQ/PC/3		PC	CP/NC/PC/C*/NI		PC	D*
46	0	3.5		3.5	3.5		3.5	3.5
45	0							
<44	0	F/N/<3	F/N	F	F/2/1/N/N2/3	F/N	F	E
		0	0	0	0	0	0	0

* Conceded pass, faculty pass, etc. – GPA grade of 3.5. Otherwise GPA of zero

If you have a percentage mark where the minimum for an unrestricted pass grade is 50 per cent, use column A to read off the corresponding GPA grade.

All supplementary passes will be awarded a GPA value of 4.

This conversion table is only relevant for Australian and New Zealand Universities listed below. For all other institutions (non-ARTS and Overseas) your transcript grading schema will be used to convert your grades to the 7-point equivalent grading scale. If your official transcript displays percentage marks column A will be used.

Conversion Table Code (only where no subject results are available)	
Column	
A	Use Column A if you have an official record of your mark (percentage)
B	ACU, Adelaide, Bond, Canberra, Central Queensland, Charles Sturt, Flinders, Griffith, James Cook, Macquarie, Newcastle, New England, NSW, Queensland, QUT, Southern Cross, Southern Queensland, Sunshine Coast, Swinburne Pre-2014, Sydney, UTS, Western Sydney, Wollongong, Charles Darwin 2013 onwards
C	South Australia
D	Charles Darwin Pre 2013
E	ANU, Federation Uni, Deakin, Edith Cowan, La Trobe, Monash, Murdoch, Notre Dame, Open Universities Australia, RMIT, Swinburne 2014 onwards, Tasmania, Victoria, Western Australia
F	Melbourne
G	Curtin
H	New Zealand universities and Polytechnics

Australian Honours degree award

Honours degree	
Award	**GPA Grade**
First	7.0
2A	6.0
2B	5.0
Third	4.0