

How to calculate your GPA (term or cumulative)

FIRST: You will need the **Undergraduate Career Totals** listed at the end of your U of M transcript.

An example of a **Undergraduate Career Totals**:

		<i>Attempted</i>	<i>Earned</i>	<i>Points</i>
UMN GPA:	3.935	UMN TOTALS:	48.00	31.00
GPA UNITS:	31			121.999
				CUM TOTALS: 37.00

GPA Units are figured: Points ÷ UMN GPA = GPA Units

NOTE: The term unit refers to credits.

Want to achieve a certain GPA?

How to calculate the exact term GPA needed to raise a cumulative GPA (CGPA) to the required minimum:

$$= \frac{(\text{GPA Units} + \text{Units taking next term})(\text{Required CGPA ?}) - (\text{GPA Units})(\text{Student's GPA})}{\text{units taking next term}}$$

EXAMPLE:

A student has 74.696 GPA units and a CGPA of 1.973. A CGPA of 2.00 is needed to be off probation. What GPA needs to be attained next semester to get to this level if the student plans to take 12 units?

$$\frac{(74.696 + 12)(2.00) - (74.696)(1.973)}{12} = \frac{86.696(2.00) - 147.375}{12} = \frac{173.392 - 147.375}{12} = 2.16$$

This student must achieve a term GPA of 2.16 to receive a CGPA of 2.00. This would take them off probation.

Repeating courses?

The last attempt in the course applies towards your GPA. At the end of each term the UMD Registrar's office manually excludes previous attempts. However, if you are manually calculating your GPA, keep the following in mind:

If you received points for any previous attempts, you must subtract them from your GPA Points. Add in the new GPA Points received. Do NOT add the GPA Units.

How many units should I take to achieve my desired cumulative GPA for next term?

What grades should I strive for next term along with these units?

The amount of units for a course a student takes (3 or 5 credit A-F course) can affect one's CGPA. For example, a 5 unit A (20 points) receives more GPA Points than a 3 unit A (12 points). When determining the amount of units a student should take and the corresponding grades needed to achieve a desired CGPA, a student must figure this on a term by term basis (figuring similar to the Semester GPA example).

GPA POINTS: ♦ 2c = an A grade in a 2 credit course earns 8 points

A = 4.0	A - = 3.67	B+ = 3.33	B = 3.0	B - = 2.67	S/N grading option: Credits received for S grades are calculated into the degree credit, but do not reflect in the GPA.
2c ♦ 8.0	2c 7.34	2c 6.66	2c 6.0	2c 5.34	
3c 12.0	3c 11.01	3c 9.99	3c 9.0	3c 8.01	
4c 16.0	4c 14.68	4c 13.32	4c 12.0	4c 10.68	
5c 20.0	5c 18.35	5c 16.65	5c 15.0	5c 13.35	
C+ = 2.33	C = 2.0	C - = 1.67	D+ = 1.33	D = 1.0	F = 0 (Credits received for a grade of F are calculated in the GPA, but do not receive any GPA points.)
2c 4.66	2c 4.0	2c 3.34	2c 2.66	2c 2.0	
3c 6.99	3c 6.0	3c 5.01	3c 3.99	3c 3.0	
4c 9.32	4c 8.0	4c 6.68	4c 5.32	4c 4.0	
5c 11.65	5c 10.0	5c 8.35	5c 6.65	5c 5.0	