

## To Calculate GPA by hand

To calculate the GPA for one semester:

1. Multiply the point value of the letter grade (see scale below) by the number of credit hours. The result is the grade points (quality points) earned.
2. Total the credit hours for the semester
3. Total the quality points for the semester
4. Divide the total quality points by the total credit hours. The result is the GPA for the semester.

To calculate the cumulative GPA (with NO retakes)

1. Follow step 1 above
2. Total the credit hours for all semesters
3. Total the quality points from all semesters
4. Divide the total quality points for all semester by the total credit hours for all semesters. The result is your cumulative GPA.

Point Value for Letter Grades

A	4.0
A-	3.7
B+	3.4
B	3.0
B-	2.7
C+	2.4
C	2.0
C-	1.7
D+	1.4
D	1.0
D-	.7
E	0.0
UW	0.0

## To Calculate GPA in Wolverine Track

### Term Calculator

The term calculator is the most useful GPA calculator tool because it allows you to calculate in retakes (when you repeat a class).

#### **NO Retakes:**

If you are not taking any retakes this semester and want to determine cumulative GPA:

1. Choose Term Calculator.
2. The calculator will automatically pull up your semester schedule.
3. Put in a grade estimate for each class.
4. Press Calculate and the calculator will bring up your cumulative GPA including those Grades.

**With Retakes:**

Determining a GPA with retakes has a more extensive process. You can always meet with your advisor for assistance.

1. Print out a copy of your [unofficial transcript](#). This makes it easier because you have a list of all the classes.
2. Go through the list and cross out any "W", "I", or "M" grades. These do not count toward your GPA.
3. Next go through and cross out any courses that you have retaken. These will be shown on your transcript by an "E" on the far right of the course information. The "E" means that the grade has been excluded from your GPA. When you look ahead you should notice that the course retake has an "I" off to the side for "Included" in GPA.
4. If you are trying to calculate your GPA to include a course that you are currently retaking, cross out that grade since you will be including the new grade.
5. Go through your transcript and number the grades that are not crossed out. This way you can make sure you include every grade.
6. Pull up Term Calculator.
7. First fill out the grade estimates for the courses that you are currently enrolled in. Make sure as you fill it out that if you are retaking a course, you have marked it out on your transcript.
8. Now fill in the rest of the GPA calculator with the grades that you have numbered. Include every grade that will be included in your cumulative GPA.
9. Press calculate to see your new cumulative GPA.

**Graduation Calculator**

You can use this calculator to determine what grades you need to get in order to graduate with a certain GPA.

1. The first box (Current GPA) automatically populates your current GPA
2. The second box (Credits remaining) is the number of credits you have left to complete for your degree. This includes any courses you are currently registered for but do not have grades posted yet. See your major advisor to calculate how many credits you have left to complete.
3. The third box (Credits Required) are how many credits are total toward your degree.
4. The last box (Desired GPA) is the GPA you hope to achieve.

When you hit "Calculate" it will generate the average GPA you will need during your final credits to achieve that GPA. This calculator does **NOT** include any potential retakes.

**Advice Calculator**

The advice calculator can help you determine what grades you need to get in order to have a specific GPA. Let's say you need a 3.0 to get into a degree program. The calculator will automatically put in your current GPA and credits. You simply enter in the desired GPA, 3.0, and press calculate. It tells you how many credits you need and what grade. So you may need to get 12 credits with an A average or 17 credits with a B average. This function is helpful but it does **NOT** calculate in retakes.