

How to Calculate Cumulative and Semester Grade Point Average (GPA)

Calculate Your Semester GPA

Steps To Calculate Your Semester GPA	Example
1. Assign your semester grades numerical values: A=4 B=3 C=2 D=1 F=0	If you earn an A in ENGL 463 and C in BIOL 198, ENGL 463 gets 4 points and BIOL 198 gets 2 points.
2. Now multiply that number times the number of credit hours assigned to the course.	ENGL 463: 4 X 3 credit hours = 12 grade points BIOL 198: 2 X 4 credit hours = 8 grade points
3. Add your totals together to get a grade point.	12 (ENGL 463) + 8 (BIOL 198) = 20 grade points
4. Now divide the grade point number by your semester credit hours. The result is your GPA for those courses.	ENGL 463 is 3 credit hours and BIOL 198 is 4 credit hours equaling 7 credit hours. Take the 20 grade points and divided it by the 7 credit hours to equal a 2.85 GPA for the semester.

Sample Sequence Semester Example

Let's say you have the below grades from this semester and you are trying to figure out your semester GPA.

Semester Grades	Semester GPA Calculation
STAT 351: B	STAT 351: 3 x 3 hours = 9 grade points
ACCTG 241: C	ACCTG 241: 2 x 3 hours = 6 grade points
MANGT 421: A	MANGT 421: 4 x 3 hours = 12 grade points
ENGL 200: A	ENGL 200: 4 x 3 hours = 12 grade points
K-STATE 8: A	K-STATE 8: 4 x 3 hours = 12 grade points
	51 grade points

$$\frac{\text{Total earned grade points in semester}}{\text{Total credit hours taken in semester}} = \text{Semester GPA}$$

$$\frac{51 \text{ grade points}}{15 \text{ credit hours}} = 3.4 \text{ Semester GPA}$$

Sample Sequence Cumulative Example:

Let's say you have the below grades from this semester but you are trying to figure out your cumulative GPA. You previously had 191 total grade point and 53 credit hours.

Semester Grades	Semester GPA Calculation
STAT 351: B	STAT 351: 3 x 3 hours = 9 grade points
ACCTG 241: C	ACCTG 241: 2 x 3 hours = 6 grade points
MANGT 421: A	MANGT 421: 4 x 3 hours = 12 grade points
ENGL 200: A	ENGL 200: 4 x 3 hours = 12 grade points
K-STATE 8: A	K-STATE 8: 4 x 3 hours = 12 grade points
	51 grade points

$$\frac{\text{Total earned grade points overall}}{\text{Total credit hours taken overall}} = \text{Cumulative GPA}$$

$$\frac{\text{Previous 191 grade points} + 51 \text{ grade points}}{\text{Previous 53 credit hours} + 15 \text{ credit hours}} = 3.56 \text{ Cumulative GPA}$$

Sample Sequence Retake Example:

Let's say you have the below grades from this semester but you are trying to figure out your cumulative GPA. You took ACCTG 241 but received an F and you previously had 191 total grade point and 53 credit hours.

Semester Grades	Semester GPA Calculation
STAT 351: B	STAT 351: 3 x 3 hours = 9 grade points
ACCTG 241: C	ACCTG 241: 2 x 3 hours = 6 grade points
MANGT 421: A	MANGT 421: 4 x 3 hours = 12 grade points
ENGL 200: A	ENGL 200: 4 x 3 hours = 12 grade points
K-STATE 8: A	K-STATE 8: 4 x 3 hours = 12 grade points
	51 grade points

$$\frac{\text{Total earned grade points overall} + \text{Retake grade points}}{\text{Total credit hours taken overall (do not add in retake course)}} = \text{Cumulative GPA}$$

$$\frac{\text{Previous 191 grade points} + 51 \text{ grade points}}{\text{Previous 53 credit hours} + 12 \text{ credit hours}} = 3.72 \text{ Cumulative GPA}$$