

CGPA, TGPA & PGPA

A student's Grade Point Average (GPA) is calculated as follows:

- **Course Grade Points Achieved** - multiply the grade points for the grade achieved by the course weight
- **Total Grade Points Achieved** - sum the Course Grade Points Achieved
- **Total Course Weights** - Sum of the course weights for each course taken
- **GPA** - divide the Total Grade Points Achieved by the Total Course Weights

Only the most recent attempt of a repeated course is included in the above calculations.

- The grade earned for a repeated course is used for calculating Grade Point Averages, even if it is lower than the original grade.
- Both attempts at the course are recorded on the student's transcript.

There are three types of GPA calculation used at Ryerson:

- Term Grade Point Average
- Cumulative Grade Point Average
- Program Grade Point Average

These are all similar, but each is calculated using different course information and used for different purposes.

Term Grade Point Average (TGPA)

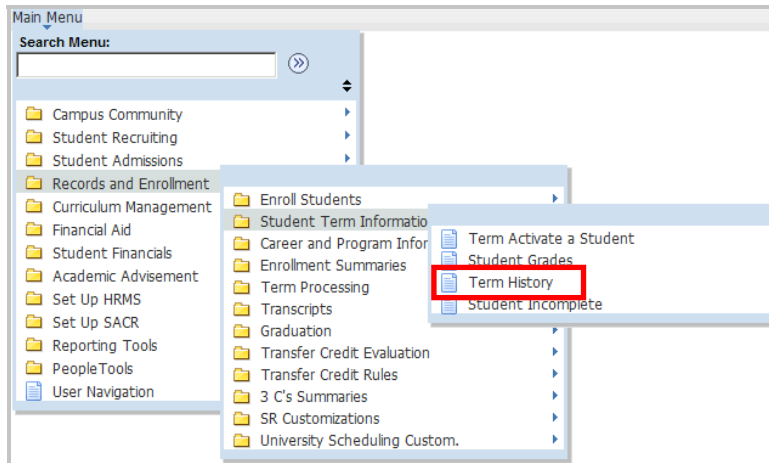
A student's TGPA is calculated at the end of each academic term. It is calculated as described above, using **all** the courses completed during the term.

$$\text{TGPA} = \frac{\text{Total Grade Points Achieved in Term}}{\text{Total Course Weights in Term}}$$

The TGPA is used primarily to determine the academic standing of students on probation and whether they can continue with their studies at Ryerson in the next term.

To view a Student's TGPA

You can view a student's TGPA from the **Records & Enrollment** item on the **Main Menu**.



1. On the menu bar, click **Main Menu** and then click the following:
 - **Records and Enrollment**
 - **Student Term Information**
 - **Term History**

Term History

Enter any information you have and click Search. Leave fields blank for a list of all values.

Find an Existing Value

Limit the number of results to (up to 300):

ID:

Campus ID:

National ID:

Last Name:

First Name:

Include History Correct History Case Sensitive

[Basic Search](#)

2. Enter the student's **ID** and click .

Student Name: 123456789

Academic Career: Undergraduate

Institution: Ryerson University

Term: 1109 - Fall 2010

Academic Level - Term Start: 3rd Year

	Graded Units	Grade Points	GPA	Earned Units	In Progress Units		
For GPA	2.000	5.660	2.830	2.000	0.000	Units Taken Towards Acad Load	2.000
Not For GPA	0.000			0.000	0.000	Units Earned Towards Acad Load	2.000
						Units Taken For Audit	0.000

	Graded Units	Grade Points	GPA	Earned Units	In Progress Units		
For GPA	0.000	0.000	0.000	0.000		Graded Transfer Units GPA / No GPA	0.000
Not For GPA	0.000			0.000		For Units Only	0.000
						Units Adjustment	0.000
						>>> Total Adjusted Transferred Units	0.000

	Graded Units	Grade Points	GPA	Earned Units	In Progress Units		
For GPA	2.000	5.660	2.830	2.000	0.000	Combined Earned Units GPA / No GPA	2.000
Not For GPA	0.000			0.000	0.000	Transfer Credit For Units Only	0.000
						Transfer Credit Units Adjustment	0.000
						>>> Total Term Units	2.000

The **Term Statistics** tab shows the statistics for the current term. In this case, the student's TGPA is 2.830.

$$TGPA = \frac{5.660 \text{ Grade Points}}{2 \text{ Graded Units (course weights)}} = 2.830$$

Cumulative Grade Point Average (CGPA)

A student's CGPA is calculated at the end of each term as an indicator of their overall academic performance. It is calculated as described above, using **all** the courses completed to date.

The CGPA is used as a criterion for:

- graduation honours
- other academic distinctions
- for determining academic standing during study in a program

The CGPA is also shown on the student's transcript.

To view a Student's CGPA

You can view a student's CGPA the same way as you view the TGPA, described above, but this time you select the **Cumulative Statistics** tab.

Student Name: 123456789

Academic Career: Undergraduate

3. Click the **Cumulative Statistics** tab.

Enrollments							
	Graded Units	Grade Points	GPA	Earned Units	In Progress Units	Units Taken Towards Acad Load	
For GPA	20.000	43.000	2.150	18.000	0.000	Units Earned Towards Acad Load	18.000
Not For GPA	0.000			0.000	0.000	Units Taken For Audit	0.000

Transfer Credit					
	Graded Units	Grade Points	GPA	Earned Units	
For GPA	0.000	0.000	0.000	0.000	Graded Transfer Units GPA / No GPA
Not For GPA	0.000			0.000	For Units Only
					Units Adjustment
					>>> Total Adjusted Transferred Units

Combined (Enrollment + Transfer Credit Units)						
	Graded Units	Grade Points	GPA	Earned Units	In Progress Units	
For GPA	20.000	43.000	2.150	18.000	0.000	Combined Earned Units GPA / No GPA
Not For GPA	0.000			0.000	0.000	Transfer Credit For Units Only
					Transfer Credit Units Adjustment	
					>>> Total Cumulative Units	

This tab shows the statistics for the student’s career. You saw on the previous tab that the student’s TGPA was 2.830. Their CGPA is shown here as 2.150.

$$CGPA = \frac{43.00 \text{ Grade Points}}{20 \text{ Graded Units (course weights)}} = 2.150$$

Program Grade Point Average (PGPA)

A student’s PGPA is calculated at the end of each term as an indicator of their overall academic performance and is used as a criterion for graduation.

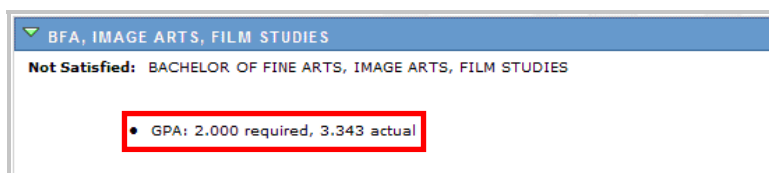
The PGPA is similar to CGPA except **only courses that fulfill graduation requirements** for the student’s program are included in this calculation.

Courses not included in the calculation are shown under **Non-applicable Courses** on the **Advisement Report**. Examples of these are:

- non-program courses
- extra courses
- failed courses

Courses completed prior to admission to a program, but are being used to fulfill program graduation requirements, are included in the PGPA.
 This can sometimes result in the student being eligible to graduate with a PGPA of 2.00, but the CGPA still calculates to less than 2.00.

You can view a student's PGPA on their **Advisement Report**.



This shows the PGPA required to graduate from the program and the actual PGPA calculated based on the courses used to fulfill the student's program requirement.

The Advisement Report is available from the Admin Centre. See the Admin Centre [How to View an Advisement Report](#) job aid for details.
