

Education Management Lists: Cumulative GPA by Athletics Roster

This document describes how to create Blackbaud Education Management lists to support reporting cumulative GPA by athletic team.

Introduction

A GPA and Athletics Roster report enables schools to analyze student athletes by athletic team and cumulative GPA, making it easier to identify and recognize academic achievement across athletics programs. Cumulative GPA is surfaced through modern SKY Lists, while athletics roster data is typically sourced from Advanced Lists due to their support for complex, relational roster structures. The resulting data can be used across a wide range of reporting and analytics tools, including Power BI, and automated via tools such as Power Automate using the SKY API for Education core.

These instructions culminate in exporting CSV files that can be placed in the location referenced by a reporting or analytics tool, allowing report development to begin immediately, even before automation is implemented to refresh the files on a schedule. Subsequently, automation tools, such as Power Automate can leverage SKY API's Education Core end points to execute these lists and save results to CSV.

SKY List: Cumulative GPA

Including cumulative GPA in a student list requires the Grading Manager role, a Registrar type of role. Be sure to include Student ID as the Primary Key for the join to athletic data.

Steps

1. Start in Academics
2. Reporting > Manage lists > Build a new list
3. Student List
4. Filter: Select grades and other filters as needed
5. Columns:
 - a. Student ID
 - b. Student summary

- c. First name
- d. Last name
- e. Preferred name
- f. Graduation year
- g. Student grade level
- h. GPA fields for weighted and unweighted cumulative GPA as of the end of the previous mid-term and as of the previous year end. *The names of these fields depend on your configuration, but generally follow the format "[Your GPA] Unweighted - Cumulative GPA – Previous" and "[Your GPA] Weighted - Cumulative GPA – Previous."*

Save

Save As

Export

Find in list

Q

Columns

Filters

Edit details

Filter:

Role criteria is Current Students • Grade level: 9 - Upper School or 10 - Upper School or 11 - Upper School or 12 - Upper School

Student ID

Student summary *

First name

Last name

Preferred Name

Graduation year

Student grade level

Weighted GPA - Term GPA - Previous

Weight YTD G

123

2026

12

1234567891

2027

11

- 6. Save list
- 7. Export to CSV and save file

Advanced List: Athletics Roster

Advanced lists enable users to query student participation on the athletics roster. Again, be sure to include Student ID as the key to join to the cumulative GPA data.

Steps

- 1. Start in Academics
- 2. Reporting > Manage lists > Manage basic and advanced lists
- 3. Add > Create advanced list
- 4. Assign name, category, description, and availability

5. Select Objects

- a. Constituent Information > User Base
- b. Athletic Group > Athletic Enrollment
- c. Athletic Group > Athletic Group
- d. Athletic Group > Athletic Spot Level
- e. Athletic Group > Athletic Term
- f. School > School Year
- g. Constituent Information > User Detail

Power Advisor List Cancel Save & Exit Save

Name: PBI_AthleticsRoster

Category: ☐ Existing: ☐ New: PBI General Test

Description: JVVarsity Rosters w/Student ID for GPA report
☐ Results available in "List Results" channel
☐ List available in "Favorite Lists" channel

Select Objects [Display Fields](#) [Filters](#) [Order By](#) [Preview SQL](#) [Output Options](#)

Click on objects to include in the query:

Object	Relationship	Inner
User Base		
Athletic Enrollment		<input checked="" type="checkbox"/>
Athletic Group		<input checked="" type="checkbox"/>
Athletic Spot Level		<input checked="" type="checkbox"/>
Athletic Term		<input checked="" type="checkbox"/>
School Year		<input checked="" type="checkbox"/>
User Detail		<input checked="" type="checkbox"/>

6. Display Fields > Select Fields

- a. User Base
 - i. Student ID
- b. Athletic Enrollment > Athletic Group > Athletic Sport Level
 - i. Sport Level Title
- c. Athletic Enrollment > Athletic Group > Athletic Term
 - i. Season

Select Display Fields [Close] [Select]

Field **Display As**

☒ User Base Student ID

☒ Athletic Sport Level Sport Level Title

☒ Athletic Term Season

Select Fields

User Base

- ☐ User ID
- ☐ First Name
- ☐ Last Name
- ☐ Grad Year
- ☐ E-Mail
- ☐ Host ID
- ☐ Hidden Name
- ☐ Preferred Name
- ☐ Prefix
- ☐ Suffix
- ☐ Middlename
- ☐ Preferred or First Name

Athletic Enrollment

- ☐ Drop Comment
- ☐ Dropped
- ☐ Enrolled
- ☐ Group Id
- ☐ Student User Id
- ☐ Division Id
- ☐ Begin Date
- ☐ End Date
- ☐ Changed Sections

Name: PBI_AthleticsRoster

Category: ☐ Existing: ☐ New: PBI General Test

Description: JV/Varsity Rosters w/Student ID for GPA report

☐ Results available in "List Results" channel

☐ List available in "Favorite Lists" channel

Select Objects: Display Fields | Filters | Order By | Preview SQL | Output

☐ Enable grouping options

[Cancel] [Save & Exit] [Save]

Help | Data Dictionary | Data Diagram

7. Filters: Focus on the *current* school year's *varsity* teams where students are still *enrolled*. Or adjust filters to meet your school's requirements for academic athlete awards.

Global Filters (Where clause)

- i. Where School Year.Current Year is True
- ii. And Athletic Sport Level.Sport Level Title contains varsity
- iii. And Athletic Enrollment.Dropped equal to 0

New, Advanced List [Cancel] [Save & Exit] [Save]

Help | Data Dictionary | Data Diagram

Name: PBI_AthleticsRoster

Category: Existing: [dropdown] New: PBI General Test

Description: JV/Varsity Rosters w/Student ID for GPA report

☐ Results available in "List Results" channel

☐ List available in "Favorite Lists" channel

Select Objects | Display Fields | **Filters** | Order By | Preview SQL | Output Options

Global Filters (Where clause)

And/Or	Parents	Field	Condition	Parents
Where		School Year.Current Year	is True	
And		Athletic Sport Level.Sport Level Title	contains varsity	
And		Athletic Enrollment.Dropped	equal to 0	

Object Filters (Join clause)

And/Or	Parents	Field	Condition	Parents
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8. Save & Exit
9. Locate the list under My Lists and select "Run"

PBI General Test

PBI_AthleticsRoster

Created: 3/1/2026 | Created By: Rebecca Sundquist | Last Modified: 3/1/2026 | List ID: 33724

JV/Varsity Rosters w/Student ID for GPA report

Delete | Edit | Copy | Run

Rule Access (0) | User Access (0)

10. Review results
11. Export to CSV and save file