



# **Using Student Attribute Process**

## **Georgia Enhanced Banner Student and Financial Aid Systems User Documentation**

Version 8.23

Information Technology Services

June 2013

---

---

---

---

This page left blank to facilitate front/back printing.

---

---



## Table of Contents

<b>Introduction to Student Attribute Process .....</b>	<b>1</b>
<b>Purpose .....</b>	<b>1</b>
<b>Target Audience .....</b>	<b>1</b>
<b>Purpose and Scope of Document .....</b>	<b>1</b>
<b>Graphics .....</b>	<b>1</b>
<b>References .....</b>	<b>1</b>
<b>Support .....</b>	<b>2</b>
<b>Student Attribute Process Flow .....</b>	<b>3</b>
<b>Description .....</b>	<b>3</b>
<b>Overview of Student Attribute Process .....</b>	<b>3</b>
<b>Implementing Student Attribute Process .....</b>	<b>4</b>
<b>Setting Up Codes and Rules .....</b>	<b>4</b>
<b>Introduction to Setup .....</b>	<b>4</b>
<b>Create population selection .....</b>	<b>6</b>
<b>Overview .....</b>	<b>6</b>
<b><i>Assigning, deleting, or expiring Attributes .....</i></b>	<b>9</b>
<b>Overview .....</b>	<b>9</b>
<b>Execute ZGRATTR/ZGRATTD .....</b>	<b>9</b>
<b>Parameters for ZGRATTR .....</b>	<b>9</b>
<b>Parameters for ZGRATTD .....</b>	<b>10</b>
<b>Appendix A: Document History .....</b>	<b>A-1</b>
<b>Appendix B: Process Flow .....</b>	<b>B-1</b>

This page left blank to facilitate front/back printing.

## Using Student Attribute Process

### Introduction to Student Attribute Process

**Purpose** The Student Attribute Process (ZGRATTR/ZGRATTD) provides the user with the ability to assign a specific attribute to student accounts based on a user defined population selection. The process also allows the ability to delete or expire attribute codes based on a population selection.

**Target Audience** This user document is for the administrative office that is responsible for maintaining and updating student attributes. The process should be run at the end of each registration period and should include future terms with available pre-registration.

**Purpose and Scope of Document** This document explains how to use the *Student Attribute Process*. This chapter includes the following topics:

- Setting Up Codes and Rules
- Create population selection
- Assigning/deleting/expiring Attributes

**Graphics** Graphic cues used in this document assist with labeling of steps and items that are particularly important.



Steps for recovery or support.



For additional information, see references.



Exercise caution.



Warning: an error here is critical.

### References



For information about the baseline product, see *Using SCT Banner User Manual for Accounts Receivable, Financial Aid, and Student*.

## Support



For additional ITS resources and support, contact the ITS HELPDESK:

Web [http://www.usg.edu/customer\\_services](http://www.usg.edu/customer_services)  
(self-service ticket submission)

E-mail [helpdesk@usg.edu](mailto:helpdesk@usg.edu)

For urgent or production down situations, call the ITS HELPDESK:

Local 706-583-2001

Toll free within Georgia 1-888-875-3697

## Student Attribute Process Flow

**Description** The Student Attribute Process (ZGRATTR/ZGRATTD) assigns, deletes, or expires student attribute codes based on population selection data.

**Overview of Student Attribute Process** Complete the following steps to implement and execute Student Attribute Process into Banner Student.

I. Setting Up Codes and Rules	
1. Create attribute codes	STVATTS
2. Build fee assessment rules	SFARGFE

↓

II. Create population selection	
1. Define Application Code	GLRAPPL
2. Build definition rules	GLRSLCT
3. Extracts IDs (people and non-persons) from the Banner database	GLBDATA

↓

III. Assigning Attributes	
1. Assign, delete, expire attribute codes	ZGRATTR/ ZGRATTD
2. View attribute code on SGASADD	SGASADD





**2. Create fee assessment rules**

Create fee assessment rules in the Registration Fee Assessment Rules Form (SFARGFE). The attribute created will be assigned to the fee assessment rule that will assess charges based on the Guaranteed Tuition Plan or Student Health Insurance.

The illustrated fee assessment rules are for fees to be charged to a student based on the 0506 attribute code created in STVATTS.



**NOTE:** The rules below indicate fee assessment for the Guaranteed Tuition Plan.

Registration Fee Assessment Rules SFARGFE 8.5.4

Term: 200808 Fall 2008 Rule Type: STUDENT Entry Type: REGULAR  
 Copy Rules to New Term Set Copy Indicator Process Copy Indicator Setting

**Registration Charges and Fees**

Type	Sequence	Detail	Category	Per Credit	Minimum	Maximum	Course	Course	Course	User ID	Activity
	Copy	Code	Code	Charge	Charge	Charge	Override	Campus	Level	Attribute	Date
<input type="radio"/> P <input checked="" type="radio"/> R	1	1001	FEE	38.00	38.00	1,000.00	<input checked="" type="checkbox"/>			SATURN	28-SEP-2009
<input type="radio"/> P <input checked="" type="radio"/> R	2	1008	TUI	132.00	132.00	1,462.00	<input checked="" type="checkbox"/>			SATURN	28-SEP-2009
<input type="radio"/> P <input checked="" type="radio"/> R	3	1008	TUI	.00	.00	1,576.00	<input checked="" type="checkbox"/>			SATURN	28-SEP-2009
<input type="radio"/> P <input checked="" type="radio"/> R	4	1001	FEE	100.00	100.00	4,000.00	<input checked="" type="checkbox"/>			SATURN	28-SEP-2009
<input type="radio"/> P <input checked="" type="radio"/> R	5	1008	TUI	-100.00	-100.00	-100.00	<input type="checkbox"/>			DCRAWFOR	07-APR-2010
<input type="radio"/> P <input type="radio"/> R							<input type="checkbox"/>				
<input type="radio"/> P <input type="radio"/> R							<input type="checkbox"/>				
<input type="radio"/> P <input type="radio"/> R							<input type="checkbox"/>				

Student Curriculum Registration Criteria Student/Course

**Student Curriculum Rules**

Level: US Campus: College: Degree: Program: Admission Term: Curricula: Primary Field of Study Type: Field of Study Code: Department: Field of Study

Curricula Student Type: Curricula Rate:

## II. Create population selection

### Overview

The Population Selection module lets you identify and group entities in the database (for example, people, vendors, and organizations). You can define selection criteria to identify and extract a subset of these entities to use in Banner reports, processes, and letters.

### 1. Define Application Code

#### Application Definition Rules Form (GLRAPPL)

Use this form to define and maintain an application. An application is a functional area with similar characteristics that can be applied to population selections, populations, and variables.

The screenshot shows the 'Application Definition Rules' form for 'GLRAPPL 8.0'. The 'Application' field is set to 'STUDENTS'. The 'Description' field contains 'students'. The 'System' dropdown is set to 'S'. There is a 'Delete All' checkbox. Below these fields is a section titled 'Application Level Rules' which contains a table with the following columns: '(', 'Data Element', 'Operator', 'Value', ')', and 'AND / OR'. The first row of the table has the following values: '(', 'SHRLGPA\_GPA\_CALC', '=', 'N', ')', and a dropdown menu. The table has 15 rows in total, with a vertical scrollbar on the right side.

'('	Data Element	Operator	Value	)'	AND / OR
'('	SHRLGPA_GPA_CALC	=	N	)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR
'('				)'	AND / OR

**2. Build definition rules**

**Population Selection Definition Rules Form (GLRSLCT)**

Use this form to define, maintain, and copy a population selection. A population selection is a set of rules used to select IDs from the Banner database for reports, processes, and letters.

The screenshot shows the 'Population Selection Definition Rules' form for 'STUDENTS' with 'CURRENT\_ENROLLED' as the selection ID. The definition is 'Currently enrolled'. The rules table is as follows:

'('	Object	Data Element	Operator	Value	)'	AND / OR
	SPRIDEN_CHANGE_IND		IS NULL			AND
	SFRSTCR_RSTS_CODE		IS NOT NULL			AND
	SFRSTCR_TERM_CODE		=	&CURRTERM_CODE		AND
	SFRSTCR_CREDIT_HR		>=	1		

### 3. Extracts IDs (people and non- persons) from the Banner database

#### Population Selection Extract Process (GLBDATA)

This process selects a population based on the rules entered on the Population Selection Definition Rules Form (GLRSLCT). It can also create a population based on union, intersection, or difference of the rules in two existing population selections.

The screenshot shows a web-based form titled "Process Submission Controls: GLBPCTL 8.3.0.2". The form is divided into several sections:

- Process:** A dropdown menu set to "GLBDATA" and a text field containing "Population Selection Extract". A "Parameter Set:" dropdown is also present.
- Printer Control:** A "Printer:" dropdown set to "DATABASE", a "Special Print:" text field, "Lines:" set to "55", and a "Submit Time:" text field.
- Parameter Values:** A table with two columns: "Parameters" and "Values".

Number	Parameters	Values
01	Selection Identifier 1	CURRENT_ENROLLED
02	Selection Identifier 2	
03	New Selection Identifier	
04	Description for new selection	
05	Union/Intersection/Minus	
06	Application Code	STUDENTS
07	Creator ID of Selection ID	CTAYLOR
08	Detail Execution Report	
- Submission:** A "Save Parameter Set as" checkbox, "Name:" and "Description:" text fields, and radio buttons for "Hold" and "Submit".

Below the table, there is a note: "LENGTH: 1 TYPE: Character O/R: Optional M/S: Single \*Y\* for SQL, Inserts and Paragraphs debug info."

### III. *Assigning, deleting, or expiring Attributes*

#### Overview

Students not entered in the population selection process will no longer have the attributes deleted from the Additional Student Information Form (SGASADD) for the specified term unless indicated by the user when executing the process.

#### 1. **Execute ZGRATTR/ ZGRATTD**

The ZGRATTR process creates a student attribute record in the General Student Additional Information Form (SGASADD). A term code is assigned to the record based on the term entered in the parameters of the process. The process will maintain previously assigned attributes. The ZGRATTD process deletes or expires attribute codes based on the attribute code and term specified. A report of the records created is provided as part of the .lis file.

Only students with SGASTDN records will be processed. If a student in the population selection does not have a general student record, the message “No student record exists” will appear in the .lis file and no attribute will be added to SGASADD.

#### Parameters for ZGRATTR

No	Name	Required?	Description/Instructions	Default Values
01	Run Mode	Yes	Enter A for Audit mode or U for Update mode	A
02	Attribute Code	Yes	Enter the attribute code to be assigned	
03	Term Code	Yes	Enter effective term	
04	Application	Yes	Enter the application code for the population selection	
05	Selection Identifier	Yes	Enter the selection ID for the population selection	
06	User ID	Yes	Enter the user ID of the population selection	
07	Creator ID	Yes	Enter the creator ID for the population selection	

### Sample ZGRATTR.lis

```

09-MAY-2013 17:24:04          Database          Page: 1
ZGRATTR 8.4          Student Attribute Process

ID          Name          Message
@00010207   Roses, Torrey F
@00010231   Smith, William J
147147147   Special, Guy R
@00010235   Tarply, Andrea E      No student record exists.
@00010277   Testerson, Testie T   No student record exists.

09-MAY-2013 17:24:04          Database          Page: 2
ZGRATTR 8.4          Student Attribute Process
          * * * REPORT CONTROL INFORMATION * * *

Parameter Description          Parameter Value(s)
Update Mode                    A
Attribute Code                 HOUS
Term Code                     201302
Application Code              STUDENTS
Selection Identifier          CINDY_MANUALPOPSEL
User ID                       CTAYLOR
Creator ID                    CTAYLOR
Report Line Limit            55
Record Count                 68

ZGRATTR 8.4 completed successfully

```

### Sample ZGRATTR.log

```

Username: Connected.

RUN SEQUENCE NUMBER:
id 033033033 pidm 1056925
id 256369999 pidm 43376
id @00010180 pidm 45102
id 001156462 pidm 1156462

ZGRATTR 8.4 completed successfully
92 lines written to /home/banjob/zgrattr_837792.lis

Process began 09-MAY-2013 17:24:04
Process ended 09-MAY-2013 17:24:05
Connected.
Connected.

```

### Parameters for ZGRATTD

No	Name	Required?	Description/Instructions	Default Values
01	Run Mode	Yes	Enter A for Audit mode or U for Update mode	A
02	Attribute Code	Yes	Enter the attribute code to be assigned	
03	Term Code	Yes	Enter effective term	
04	Process Attribute	Yes	Enter E to expire the attribute or D to delete the attribute	
05	Application Code	Yes	Enter the application code for the population selection	
06	Selection Identifier	Yes	Enter the selection ID for the population selection	
07	User ID	Yes	Enter the user ID of the population selection	
08	Creator ID	Yes	Enter the creator ID for the population selection	

### Sample ZGRATTD.lis

```
06-07-2013 at 10:56:11          Database          PAGE 1
                               Student Attrib Delete Process      ZGRATTD

ID          Name          Message
001054538   Jensen, Jamie      Student will be expired if program run in update mode
333666666   Tier, Wrong          Student will be expired if program run in update mode

06-07-2013 at 10:56:11          Database          PAGE 2
                               Student Attrib Delete Process      ZGRATTD

* * * REPORT CONTROL INFORMATION * * *

ZGRATTD 8.23

Run Mode: A
Attribute Code: ATHL
Term Code: 201008
Process : E
Application Code: STUDENTS
Selection ID: BARRY
User ID: BMEEK
Creator ID: BMEEK
Report Line Limit: 55
Record Count: 2

ZGRATTD 8.23 completed successfully
```

### Sample ZGRATTD.log

```
Username: Connected.

RUN SEQUENCE NUMBER: zgrattd completed successfully
29 lines written to /home/banjob/zgrattd_839860.lis

      ZGRATTD 8.23 completed successfully
Connected.
Connected.
```



**2. View attribute code on SGASADD**

The General Student Additional Information Form (SGASADD) displays the student's attributes.

The screenshot displays the 'Additional Student Information SGASADD 8.3' web application. At the top, the student ID is '44444444' and the name is 'Tigers, Tony'. The term is set to '201002'. Below this, there are two main sections: 'Student Cohort' and 'Student Attribute'. Both sections include a 'Maintenance' icon and 'From Term' (201002) and 'To Term' (999999) fields. The 'Student Cohort' section has a table with columns for 'Cohort Code', 'Description', 'Inactive', 'Study Path', and 'Reason'. The 'Student Attribute' section has a table with columns for 'Attribute Code', 'Description', and 'Study Path'. The 'Attribute Code' 'MERT' is highlighted in blue, and its description 'Merit Scholar' is highlighted in green.

Cohort Code	Description	Inactive	Study Path	Reason
		<input type="checkbox"/>		
		<input type="checkbox"/>		
		<input type="checkbox"/>		
		<input type="checkbox"/>		
		<input type="checkbox"/>		

  

Attribute Code	Description	Study Path
MERT	Merit Scholar	

## Appendix A: Document History

This section details the history of the document and updates made for each modification.

Release and Date	Page	Forms/Processes	Update Description
Georgia Enhancements 7.12, May 30, 2008	NA		Original
Georgia Enhancements 8.0, March 31, 2010	NA		Updated screenshots for 8.0 Added Appendix B
Georgia Enhancements 8.4, September 30, 2010	NA	Student Attribute Process (ZGRATTR/ZGRATTD)	Updated documentation to include ZGRATTD process, Updated screenshots for 8.4, Updated process flow
July 31, 2012	NA 12 B-1	GLRSLCT, GLBDATA SGASADD Appendix B	Updated screenshots Added SGASADD info and screenshot Updated process flow
May 14, 2013	9 10 11	SFARGFE ZGRATTR ZGRATTD	Updated screenshots Updated screenshots Updated screenshots
June 28, 2013	11	ZGRATTD	Updated screenshots

## Appendix B: Process Flow

