

Banner Financial Aid Release Guide

*Release 8.9
September 2010*



SUNGARD HIGHER EDUCATION

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Introduction

This guide documents the Banner® Financial Aid 8.9 release, which includes enhancements, request for process enhancements (RPEs), and problem resolutions. This document provides detailed information about the Banner Financial Aid 8.9 release only.

Banner Financial Aid has undertaken two very large projects to provide support for term based and borrower based academic year loans processing. These projects have been separated into phases to be delivered as building blocks over time. The Enrollment Period enhancement will remove dependency from the Term Code Validation (STVTERM) form and aid year constraints, and provide a more flexible manner in which to process your applicants for aid. Prior phases that have been delivered are: Term based holds, Archiving and Purging, and Term based Requirements Tracking. Future phases (to be delivered) include: Period based/algorithmic budgeting, period based awarding and disbursement, and finally, Borrower Based Academic Year (BBAY) loans.

Federal regulations allow an institution to combine short terms or modules to create a standard term such as summer mini sessions or combining a short winter intercessions to either a fall or spring semester. Financial aid periods will now allow you to combine multiple terms to create a single enrollment/payment period within the financial aid module.

Term Based Processing Requirements

Periods of Attendance

This functionality allows you to associate multiple terms to a single period of attendance for calculating the student's enrollment for disbursement.

Periods /Multiple Aid Year Association

This element allows you to associate a period with multiple aid years.

- Flexible use at the student level.
- A period consisting of a summer term(s) can now be included in the aid period as either a trailer or a header.
- Assign remaining eligibility as a trailer.

RPEs

Summer Option - header and/or Trailer

This functionality allows you to designate summer as a header or a trailer. This resolves RPE CMS-RPE46773 requesting Summer option as header or trailer.

Define Terms Belonging to a Semester

This functionality allows you to combine smaller terms together to create one period of attendance. This resolves RPE CMS-RPE47371 requesting to combine terms to create a semester.

Combine Two Summer Terms into One

This functionality allows you to combine two summer terms into a single summer term. This resolves RPE CMS-RPE 1-9O71VR requesting to combine summer terms.

Use of Attending Hours Functionality

This functionality allows you to schedule disbursement prior to or after the date the student's attending hours have been determined. This resolves RPE 1-1IIX29 requesting to disburse aid prior to class start date when using attending hours.

Disburse Funds Ten days prior to Term Start using Attending Hours

This functionality allows you to disburse funds prior to term start date when using attending hours. This resolves RPE 1-3KXZDT requesting to disburse aid prior to semester when using attending hours.

Disbursement Date Rescheduling

This functionality allows you to disburse funds prior to or after the attending date when using attending hours. This resolves RPE 1-AWP0M7 by allowing you to disburse prior to or after the class start dates when using attending hours.

Limiting FA Hours Entry

This functionality eliminates the need to enter attending hours manually, for a consortium student, when using the attending hours functionality. This resolves RPE CMS-RPE40760 by the necessary changes for calculation of attending hours when multiple terms exist in a period. When attending hours have been designated to be used for a fund, the first check will determine if attending hours exist as of the date disbursement is run. If no attending hours exist, the terms hours will be used with the Attend Date being the start date of the term.

Problem Resolutions

Problem resolutions are summarized by object at the end of the release guide. For more information about a problem resolution, refer to the `finaid80900resolutions.txt` file that accompanies the Banner Financial Aid 8.9 release.

Note

Any release hints, suggestions, or corrections to this release guide that come up subsequent to the posting of this release will be documented in the *Are there any helpful hints, suggestions and/or corrections to release documentation for Banner Financial Aid release 8.9?*, Solution/FAQ # 1-D3GIRC, and made available through the Customer Support Center (https://connect.sungardhe.com/customer_support). It is recommended that you refer to this document periodically under Solutions/FAQs (# 1-D3GIRC) as you use the new release functionality. ■

Overview

The foundation of the Banner system has always been the Term Code Validation (STVTERM) form which has always forced restrictions on system capabilities. SunGard Higher Education Financial Aid has replaced the concept of Term with Period of Attendance. In most cases, the value for these fields will be same, but this shift allows more flexibility to define Summer as a Header or Trailer for an individual student, and combine mini-terms or sessions to create a single payment period, including calculating enrollment for the combined terms or sessions.

Defining a period of attendance (enrollment period) has the potential to lay the foundation for processing non-standard terms, clock hour and non term programs. This change to enrollment periods will also allow for the potential to associate multiple parts of term to a single enrollment period or a single part of term to an enrollment period. This will also lay the foundation for the support of BBAY loans.

Throughout the Banner Financial Aid system, you will see that Period has replaced Term for labels, auto-hints, warning and error messages, options, process parameters. In some cases, form and process titles have also been updated. There are also new views that will be used for many forms for query and display of data to reflect the correct processing sequence. For example, the award schedule on the Award Maintenance (RPAAWRD) form will use a view to display the data in sequence number order, such as fall then spring for an aid period of fall/spring.

Financial Aid processing will now be using Period instead of Term. The exception to this will be Satisfactory Academic Progress, Enrollment, and Resources which will continue to use Term based processing.



Note

Return of TIV calculation for processing a period consisting of multiple terms has not been included in the financial aid 8.9 release. The determination of the length of the enrollment period in the Student system and the calculation of institutional charges in the A/R system is still by term. Therefore, withdrawals for a combined term should be done manually. The Title IV Recipient Withdrawn process, RPRTIVR, has been modified to identify if a withdrawal record exists for any term which is part of the period entered as a parameter option. ■

Applying this Release

Almost all tables in Banner Financial Aid schema that have a “table name_term_code” column have been changed. As this column is part of the key index for these tables, rather than make everyone regenerate indexes on all of their financial aid tables, the “table name_term_code” column has been replaced with “table name_period”. This will replace the term code with period code, to be part of each table’s key index. Also, a new column was added, not part of the index, with “table name_term_code”. The value that existed in the old column will be copied to both of these new columns.

Periods will be created based on term codes that exist in the STVTERM tables which have a valid Financial Aid Process Year populated. When a period is created, term codes from STVTERM are attached to indicate what term(s) make up the period. Periods created as part of the release upgrade will automatically have the appropriate terms created. You will have the ability to indicate which term code is to be used for populating the “table name_term_code” column when records are created, in the case where multiple terms will be combined for a period.

By taking this approach, we are able to deliver these changes, while not having to create new indexes, and still not breaking any rules or local modifications you have made. Over time, we recommend that you change all rules in RORRULE, population selections, local modifications and scripts, to start using the new “table name_period” column.

For example, RORHOLD_TERM_CODE is now RORHOLD_PERIOD in the key index. However, RORHOLD_TERM_CODE will still exist, with its current value. Any future changes will be reflected in the RORHOLD_PERIOD column, but the RORHOLD_TERM_CODE will also be populated with the term code selected for the period to allow your current rules, local modifications, and scripts to continue to work.

So, why do you have to make these changes to your local code and rules if the term code will still be updated? First, the largest consideration, is your system’s performance. The term code column is no longer part of the key index for that table, so performance will become an issue. Second, for those schools that choose to combine terms into a single period, there may be a difference between the period name and the term name.

Along these lines, this document also describes the functional and technical aspects of the following system enhancements:

 **Note**

Installation of Release 8.9 is required prior to installation of the upcoming Early Decision and the Winter releases. ■



1 Periods - Functional



This release document describes functionality designed and developed to introduce Academic Calendar and Payment Periods to the Banner Financial Aid system. This wide range of new functionality allows use of a period of attendance for budgeting, awarding, calculating enrollment load, disbursing, and determining Loan Periods, rather than being linked to specific term codes.

Prior to this release, Banner Financial Aid was dependent on the contents of STVTERM to define aid year/term associations. This new period based functionality offers the ability to:

- Define Summer as a Header or Trailer.
- Combine terms to create a single period of attendance within financial aid.

Additionally, this structural change is part of a set of regulatory standards necessary to combine mini-terms or sessions to create a single payment period. Defining a period of attendance (enrollment period) offers the processing foundation for non-standard terms, clock-hour and non-term programs by associating an enrollment period.

Setup

For the current aid year there is nothing to change. As mentioned in this Release Guide's Introduction, installation of this release will have created periods (based upon the currently defined term codes). Throughout the system you will see that labels that previously displayed "Term" will now show "Period", as will most reports and processes.

Note

SunGard Higher Education recommends that you review any saved parameter sets for the processes changed for this release, especially those that are used with a job scheduler.

When setting up the New Aid Year, an additional step is required to create periods for the new aid year before you create aid periods. You will also need to create new periods if you choose to begin combining terms to create a period and follow the steps from the new year checklist. This ensures you have included your new period in aid periods, award/disbursement schedules, packaging options, credit hour rules, and loan periods. This means that instead of building an aid period from terms, first, periods will be associated with the corresponding term(s), and then, aid periods will be built with periods.

For example:

1. As the new first step in the process, build Periods for the new year, associating terms from STVTERM to the Period.
2. Build aid periods on RORTPRD, associating appropriate Periods rather than terms.
3. Build default award and disbursement schedules (RFRDEFA), associating Periods rather than terms.
4. Build fund specific award and disbursement schedules (RFRASCH), associating Periods rather than terms.
5. Build institutional options (RPROPTS) with Periods rather than terms.
6. Build Credit Hour rules (ROAINST) with Periods rather than terms.
7. Review all process parameters to ensure any saved parameters are consistent with the names you used for periods.

Changes to Functionality

Enrollment Calculation using Periods

Because periods can consist of multiple terms, the possibility of the financial aid hours existing for one term and no financial aid hours existing for another term but the student is registered for courses in the term could occur. To address this possibility, Banner will calculate the enrollment for the period, evaluating each term separately to determine financial aid hours/student hours and then perform the sum to determine enrollment for the period.

1. Identify all terms associated with the period.
2. For first term in period, if financial aid hours exist, select those – if not, use student hours – hold this value.
3. For second term in period, if financial aid hours exist, select those – if not, use student hours – hold this value.
4. For third term in period, if financial aid hours exist, select those – if not, use student hours – hold this value.

- Sum the hours from each of the terms for the period to determine hours for the period.

Period	Terms in Period	FA Hours	Student Hours	Hours used in calculated
Summer 2010	201030	3	3	3 - FA hrs.
	201040	3	3	3 - FA hrs.
	201050		6	6 - Stu Reg hrs.
Total enrollment for period				12 - Combined FA and Stu Reg hrs.

If the student does not have financial aid or student hours in a term(s) for the period, no errors or warnings will be provided and enrollment will be calculated based on the terms which have hours using the above logic. The ability to view the financial aid and student hours based on the periods which make up the student's aid period, has been added to the ROAENRL form. This will represent the enrollment used for the enrollment calculation in the disbursement process.

Determining ½ time Enrollment (required for Federal Loan disbursement)

The enrollment edit for Federal loans requires that the student is at least ½ time when the fund(s) are actually disbursed.

Example:

The student is actively registered ½ time and Financial Aid hours are frozen at ½ time. The student withdraws and is < ½ time (registration status that does not count in enrollment).

When disbursing a Federal fund, the disbursement process checks to validate the student is currently enrolled at least ½ time. In this case, the disbursement process will reject the enrollment, providing the following error message:

“Enrollment invalid for federal fund ID”

Banner will calculate the enrollment for the period evaluating each term separately for determining the hours the student is actively registered and then perform the sum to determine the enrollment for the period.

Period	Terms in Period	FA Hours	Consortium Ind.	Student Hours	Hours used in enrollment calc. for non-Federal loan fund	Hours used in enrollment calc. for Federal loan fund
Summer 2010	201030	6	N	0-withdrawn	6	0
	201040	3	N	3	3	3
	201050	3	N	0-withdrawn	3	0
Total enrollment for Period		12			12	3 - disbursement edit fails with current registration at 3

Enrollment Calculation using Periods for Consortium Students

It is possible for a period consisting of multiple terms to not have the **Consortium Indicator** checked for all terms in the period. Banner will calculate the enrollment for the period, evaluating each term separately to determine financial aid hours/student hours and then perform the sum. If the **Consortium Indicator** is checked, only financial aid hours for that term will be used.

The following is an example of calculation of enrollment using periods with the **Consortium Indicator** checked for one term of a period.

Example:

The Summer 2010 period consists of 3 terms: 201030, 201040, and 201050. In the table below, the student has the **Consortium Indicator** checked for only 1 term (201040). Financial Aid hours have not been frozen for the last term (201050). Each term will be evaluated separately, using financial aid hours only for the term where the **Consortium Indicator** is checked.

Period	Terms in Period	FA Hours	Consortium Ind.	Student Hours	Hours used in enrollment calc. for non-Federal loan fund	Hours used in enrollment calc. for Federal loan fund
Summer 2010	201030	3	N	3	3	3
	201040	3	Y		3	3
	201050		N	2	2	2
Total enrollment for Period					8	8 - passes disbursement edit

Attending Hours Functionality using Periods

Funds set to use Attending Hours are disbursed based on the calculation of the number of hours which have begun for the student using the class start date at the time the disbursement process is run. Banner will calculate the enrollment for the period evaluating each term separately for determining financial aid hours/student hours and attending hours. Disbursement will look at the enrollment load for all terms within the period based on the date disbursement is run. When using attending hours, if no attending hours exist for the term the start date of the term will be used to determine the attend date. If the **Consortium Indicator** is set for a term and attending hours are being used, financial aid attending hours/date will be used if they exist, otherwise, the start date of the term will be used to determine the attend date of the hours entered for the term.

The ability to view the financial aid and student hours based on the periods which make up the student's aid period has been added to the ROAENRL form. This will represent the enrollment used for the enrollment calculation in the disbursement process.

Example:

This example demonstrates using attending hours where the **Consortium Indicator** is "No" for all terms within the period:

- If disbursement is run on June 1st, the attending hours will be 3
- If disbursement is run on June 15th, the attending hours will be 6
- If disbursement is run on June 20th, the attending hours will be 9
- If disbursement is run on July 1st, the attending hours will be 12

Table .1 Attending Hours with Consortium Indicator No for all terms within the period

Period	Terms in Period	FA Hours	Consortium Ind.	Attending Hours	Attending hours date	Hours used in enrlmnt. calc. by term	Hours calcd. for disb. for the period
Summer 2010	201030	6	N	3	01-JUN-2010	3	3
				6	15-JUN-2010	6	6
	201040	3	N	3	20-JUN-2010	3	9
	201050	3	N	3	01-JUL-2010	3	12

Example:

This example demonstrates using attending hours where the **Consortium Indicator** is “**Yes**” for one term within the period and financial aid attending hours have been entered manually for that term:

- If disbursement is run on June 1st, the attending hours will be 3
- If disbursement is run on June 15th, the attending hours will be 6
- If disbursement is fun on June 20th, the attending hours will be 9
- If disbursement is run on July 1st, the attending hours will be 12

Table .2 Attending Hours with Consortium Indicator Yes, attending hours exist

Period	Terms in Period	FA Hours	Consortium Ind.	Attending Hours	Attending hours date	Hours used in enrlmnt. calc. by term	Hours calcd. for disb. for the period
Summer 2010	201030	6	N	3	01-JUN-2010	3	3
				6	15-JUN-2010	6	6
	201040	3	Y	3	20-JUN-2010	3	9
	201050	3	N	3	01-JUL-2010	3	12

The example below demonstrates using attending hours where the **Consortium Indicator** is “**Yes**” for one term within the period and no financial aid attending hours have been entered for that term. The term start date will be used to determine the attend date for hours entered for the term.

Example:

This example demonstrates using attending hours where the **Consortium Indicator** is “**Yes**” for one term within the period and no financial aid attending hours have been entered for that term. The term start date will be used to determine the attend date for hours entered for the term:

- If disbursement is run on June 1st, the attending hours will be 3
- If disbursement is run on June 15th, the attending hours will be 6
- If disbursement is run on June 20th, the attending hours will be 9
- If disbursement is run on July 1st, the attending hours will be 12

Table .3 Attending Hours with Consortium Indicator Yes for one term and term start date used

Period	Terms in Period	FA Hours	Consortium Ind.	Attending Hours	Attending hours date	STVTERM Start Date	Hours used in enrlnmt. calc. by term	Hours calcd. for disb. for the period
Summer 2010	201030	6	N	3	01-JUN-2010	20-MAY-2010	3	3
				6	15-JUN-2010		6	6
	201040	3	Y			20-JUN-2010	3	9
	201050	3	N	3	01-JUL-2010	30-JUN-2010	3	12

Using the New +/- Number of Days for Attending Hours

The option for disbursing based upon the number of hours which have begun for a student is at the fund level on RFRMGMT/ROAMGMT. With this release, a new field, **+/- Days for Attending Hours**, has been added to allow you to pay the fund either prior to or after the date the calculated number of hours begins. If you want to pay prior to the date the calculated enrollment begins, you are expected to enter a positive number. If you want to pay after the date the calculated enrollment begins, you are expected to enter a negative number.

Example:

- For the fund, the number of days entered is 5, to pay five days prior to the attendance start date.

Attend Date	Number of Hours
10-AUG-2010	6
20-AUG-2010	12

The disbursement process will allow the student to be paid (providing all other criteria is met):

- Based on 6 hours, 5 days in advance, on 05-AUG-2010
- Based on 12 hours, 5 days in advance, on 15-AUG-2010

Rescheduling Disbursement Date using Periods

When using the option to reschedule the disbursement date for non-loan funds based upon the student's earliest class start date either for the aid period (RFRDEFA) or for a specific fund/aid period (RFRASCH), Banner will evaluate the class start dates for all terms within the period to determine the earliest class start date.

If a student has the **Consortium Indicator** set to "Yes" for a term within the period, the earliest class start date for the term will be determined by the earliest attending hours start date, if they exist. Otherwise, the term start date will be used.

Resource Calculation (new functionality)

Because periods allow the ability to combine terms and the potential of a student changing from one period to another period but both periods contain the same term code, resources entered on RPAARSC will remain by term.

Note

The information from Accounts Receivable for contracts and exemptions will remain by term. ■

With the delivery of enrollment/payment periods, the calculation for the amount of resources will be changed to only include the resources for the terms which are part of the periods making up the student's aid period. Resources, which are for the aid year and not defined with a term, will be included in the calculation of resources.

Example:

- Period FALL/WINTR 1011 consists of terms 201110 and 201115
- Period SPRING 1011 consists of term 201120
- Aid Period FA/SPR consists of Periods FALL/WINTR 1011 and SPRING 1011

The Financial Aid office is provided information the student is going to receive an outside scholarship for the upcoming 1011 aid year. The student is also receiving training funds from SRS which are processed as contracts through Accounts Receivable.

	Term 201110	Term 201115	Term 201120	Total
Scholarship	300.00	200.00	500.00	1,000.00
SRS-Contract	300.00		250.00	550.00
Total	600.00	200.00	750.00	1,550.00

Resources calculated for the 1011 aid year would be 1550.00, the total of all terms that exist for the aid year and this amount would then reduce the amount of need for the student.

Budget	10,000.00
EFC	0
Resources	1,550.00
Gross need	8,450.00

The student later decides they will not be attending in fall so the Financial Aid office changes his aid period from fall/spring to spring only. The Spring aid period consists of period SPRING 1011 with the 201120 term. The resource calculation will now only include the resources which exist for the 201120 term.

Budget	5,000.00
EFC	0
Resources	750.00
Gross need	4,250.00

Determination of Charges Accepted for Disbursement

The option to disburse funds if the student has not accepted their charges for the term is available on RPROPTS. If this option is unchecked (No), disbursement previously would reject providing the error “Charges have not been accepted” when a student has not accepted charges for the term. Since the possibility that multiple terms can exist within a period, this disbursement edit has changed and will now calculate enrollment for the term as 0 hours when the student has not accepted the charges. This will allow the disbursement process to pay based on the number of hours for a term where charges have been accepted and not include hours for a term where the charges have not been accepted. The error message “Charges have not been accepted” has been removed. An indicator on ROAENRL will display the status from the student system (SFBETRM_AR_IND) for **Charges Accepted**.

Example:

Three terms exist in the period. However, the student has not accepted charges in all of the terms in the period. The student is not in a consortium agreement. Only the hours in terms where the charges have been accepted will be used.

Period	Terms in Period	FA Hours	Consortium Ind.	Student Hours	Charges Accepted	Disbursement Edit for charges accepted
Summer 2010	201030	3	N	3	Yes	Passes for term; 3 hours used in calculation
	201040	3	N	3	No	Fails for term; 0 hours used in calculation
	201050			3	No	Fails for term; 0 hours used in calculation

Example:

The **Consortium Indicator** is set to one term in the period, (201030) the student has registration but has not accepted their charges in the 201040 term, disbursement would treat each term individually and calculate the hours where either the charges have been accepted or the **Consortium Indicator** has been checked.

Period	Terms in Period	FA Hours	Consortium Ind.	Student Hours	Charges Accepted	Disbursement Edit for charges accepted
Summer Short	201030	3	Y	N/A	None exist; no SFBTERM record	Passes for term and 3 hours used for calculation of enrollment
	201040	3	N	3	No	Fails for term; neither the student nor Financial Aid hours will be used for the enrollment calculation

Determining Satisfactory Academic Progress using Periods

When creating periods with multiple terms, you are required to select the term to be used when evaluating if the student is making satisfactory academic progress. The disbursement process will look for the most recent term in the satisfactory academic progress table (RORSAPR) which is less than or equal to the term with the **SAP** indicator checked for the period being disbursed. You should consider your institution's policy and evaluate how setting the **SAP** indicator will impact the evaluation of making satisfactory academic progress.

Example:

Table .4 Satisfactory Academic Progress

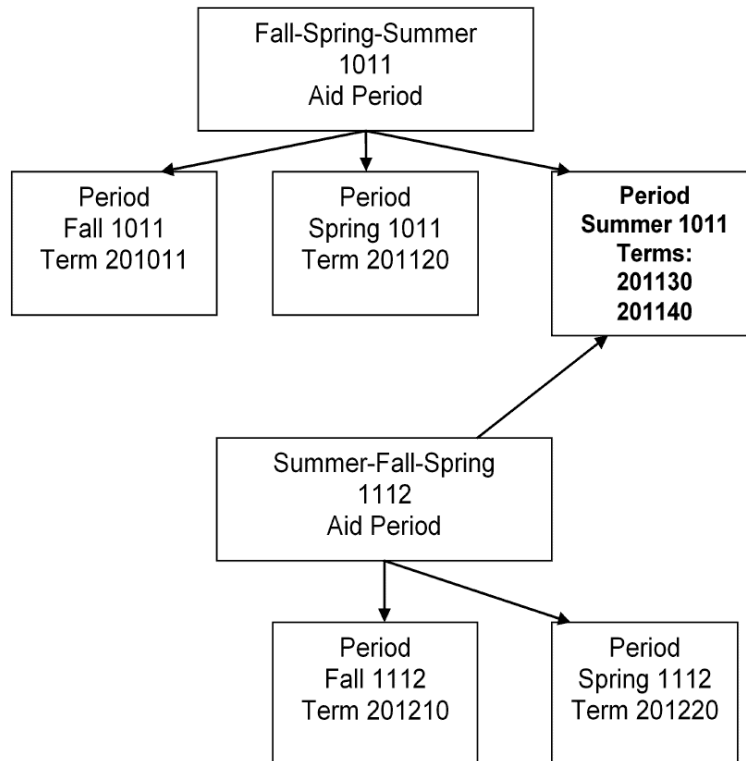
Period	Term Codes within Period	SAP Indicator Checked
Spring 2011	2011200	Y
	201130	Y
Summer 2011	201140	
	201150	

- SAP for 201120 exists as Making Satisfactory Academic Progress
- Disbursement is run for Summer 2011 period
 - Disbursement looks for most recent term where SAP indicator checked for period being disbursed = 201120
 - Making Satisfactory progress – funds disburse
- SAP process is run for 201130 term and results posted with 201130 as Probation (eligible)
- Disbursement is run for Summer 2011 period
 - Disbursement looks for most recent term where SAP indicator checked for period being disbursed = 201130
 - Probation (eligible) - funds disburse
- SAP process is run for 201140 term and results posted with 201140 as Failing SAP
 - Disbursement looks for most recent term where SAP indicator checked for period being disbursed = 201130 (201140 does not have SAP indicator checked)
 - Probation (eligible) - funds disburse

Assigning Crossover Periods to Aid Periods

A period which has been designated as a crossover period on the Period Base Data form (RORPRDS) can be assigned to an aid period for the aid year or crossover aid year defined. This now allows you to award non-Pell aid from either year. Funds will be awarded and paid from the aid year associated with student's award.

In the diagram below, period Summer 1011 with an aid year of 1011 and a crossover aid year of 1112 may be used as either a trailer or a header for an aid period.



When creating aid periods, an edit is in place to verify that periods do not overlap. This step in the process prevents creating an aid period with multiple periods for the same student enrollment and overpayment of aid.

Additional edits are in place to prevent assigning a student an aid period which includes a period that has been assigned to the student in a different aid year. For example, a student assigned an aid period with the Summer 1011 period for the 1011 aid year would not be allowed to have an aid period in the 1112 aid year which included the Summer 1011 period. Additionally, an edit to verify that the terms which are included in the period do not exist as part of a period assigned to the student in another aid year. These edits prevent the possibility of the student receiving aid from two aid years for the same period of time.

Processing for Pell to evaluate the most beneficial Pell for a crossover period will still require using the Pell aid period.

Letter Generation Variables

Letter generation variables referencing table `name_term_code` have been updated to now use table `name_period`. The dynamic value `name` has also been changed to reference `period`.

Note

Variables developed by your institution should be reviewed and updated accordingly to replace table `name_term_code` appropriately. ■

The following variables have been updated to use the `PERIOD` rather than `TERM_CODE`:

- `*TERM01_AMT` - value updated to `'&First_Period'`
- `*TERM02_AMT` – dynamic value updated to `'&Second_Period'`
- `*TERM03_AMT` - value updated to `'&Third_Period'`
- `*TOT_AWARD_AMT` - dynamic values updated to `'&First_Period', '&Second_Period', '&Third_Period'`
- `*TERM01_DESC` – dynamic value updated to `'&First_Period'`
- `*TERM02_DESC` – dynamic value updated to `'&Second_Period'`
- `*TERM03_DESC` – dynamic value updated to `'&Third_Period'`
- `*AWARD_DESC` – dynamic values updated to `'&First_Period', '&Second_Period', '&Third_Period'`
- `*AWARD_DESC_LONG` - dynamic values updated to `'&First_Period', '&Second_Period', '&Third_Period'`
- `*AWARD_REQ_DESC_NULL_TERM`
- `*AWARD_REQ_DESC_WITH_TERM`

New Forms

The following new forms have been added in the Banner Financial Aid 8.9 release:

Period Base Data (RORPRDS)

The new Period Base Data (RORPRDS) form is used to create and maintain the definition of a Period. This new form's function is similar to that of the STVTERM form, in that it is used to define a code, description (short and long), start and end dates, and the aid year used for financial aid processing. The ability to define the crossover aid year is also provided (for those periods which represent a crossover period). The code used to define the period allows up to 15 characters for a descriptive code plus a 30 character (long) period description.

Note

With the 8.9 release, the RPRCRSS form has been made obsolete. A period which is a crossover will be defined on RORPRDS. Processing which previously referenced RPRCRSS have been modified to use the crossover definition from RORPRDS.

The screenshot shows the 'Period Base Data - RORPRDS 8.9 (s10b80)' window. At the top, there are dropdown menus for 'Period:' (set to 'SUMMER 1011') and 'Term Code:'. Below this is the 'Base Data' section with the following fields:

- Description: 2010-2011 Summer Term
- Aid Year: 1011
- Start Date: 01-JUN-2011
- End Date: 15-AUG-2011
- Sequence Number: 893
- Academic Year: STANDARD
- Comment: (empty text area)
- Crossover: Crossover
- Crossover Aid Year: 1112
- Active: Active
- View Current Periods: (icon)

Below the Base Data section is the 'Period Rules' section, which contains a table with columns for Term, Accounts Receivable, Student, and Satisfactory Academic Progress.

Term	Accounts Receivable	Student	Satisfactory Academic Progress
201130	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
201131	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
201145	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Period Creation

To create a period, you are expected to enter a code in the key-block that will be used to identify the period. Then, you navigate to the Base Data block to enter the necessary data to define the period. The sequence number must be unique because the sequence number will be used to ensure sequential period order. To assist you in determining the sequence number to assign when creating a period, the Periods Inquiry (ROIPRDS) form can be viewed by clicking the **View Current Periods** icon in the Base Data block.

The key block also contains a term code field with a List of Values to STVTERM. When a value is entered in this field, the period will be created with the same attributes as the term from STVTERM. For those instances where only one term will exist for the period, this provides assistance in creating the periods as part of the New Year Setup.

 **Note**

Sequence Numbers for Periods are not aid year specific. Periods are not aid year specific. Because a period can now be used in more than one aid year, the sequential order of periods will be used to determine the order periods are processed. ■

Once the period's Base Data has been created, the form's Period Rules block is used to define the term (or terms) that will be included in the period. To do so, you are expected to select a term that will be used to populate the %TERM_CODE columns in the tables and the disbursement process to pass to Accounts Receivable. This is done by checking the **Accounts Receivable** checkbox associated with the term's row.

For example, a period is created which includes three terms. You will need to check the Accounts Receivable indicator for one of the terms. The term code selected will be the value passed in the disbursement process to Accounts Receivable as payment for all of the terms included in the period. The term where the Accounts Receivable indicator is checked will also be the value used to populate the table name_term_code values when records are inserted or updated.

You are also expected to select which term will be used for retrieving data from the Student system (such as the campus, level, and major) by checking the block's **Student** checkbox. The processing logic will look for the record in Banner Student which is equal to or less than the term code selected for the period.

The **Satisfactory Academic Progress** checkbox is used to identify which term will be used in disbursement processing to determine whether or not the student is making satisfactory academic progress. The processing logic will look for the satisfactory academic progress term which is equal to or less than the term code selected for the period.

The initial value of each of these checkboxes is unchecked (No) when a term code is entered on the form.

 **Note**

At least one term must be selected for each of the required indicators. ■

For those who wish to create periods using either a PERIOD that is equal to STVTERM_CODE or a period with the same attributes:

1. Enter the code in the key block and select the term (from the Term Code LOV) that will act as the source.
2. This copies the term information into the definition of the Period.

3. Navigate to the next block to copy data from STVTERM into the Base Data and Period Rules blocks.
4. Define the sequence number for the period along with the Academic Year type. Currently only the Academic Year of STANDARD is allowed.
5. Commit and save your changes.

When the Period Rules are created in this manner, the **Accounts Receivable**, **Student**, and **Satisfactory Academic Progress** indicators will be populated as being checked (yes).

Key block

Field	Description
Period	Period. (KEYBLCK_PERIOD)
Term Code	Term Code. (KEYBLCK_TERM_CODE)

Base Data block

Field	Description
Description	Period Description. (ROBPRDS_DESC)
Aid Year	Aid Year. (ROBPRDS_AIDY_CODE)
Start Date	Period Start Date. (ROBPRDS_START_DATE)
End Date	Period End Date. (ROBPRDS_END_DATE)
Sequence Number	Period Sequence Number. Valid values are 0 - 999999. (ROBPRDS_SEQ_NO)
Academic Year	Academic Year. (ROBPRDS_ACAD_YEAR)
Crossover	Crossover Indicator. (ROBPRDS_CROSSOVER_IND)
Aid Year	Crossover Aid Year. (ROBPRDS_AIDY_CODE_CROSS)
Active	Active Indicator. (ROBPRDS_ACTIVE_IND)

Period Rules block

Field	Description
Term	Term. This identifies the term code(s) to associate with the period. The term codes must have start and end dates which fall between the start and end dates of the period. (RORPRDS_TERM_CODE)
Accounts Receivable	Accounts Receivable Indicator. This indicator identifies data that is passed to Accounts Receivable for disbursement processing. This is also the value that will be used to populate the term_code columns in tables when records are created. (RORPRDS_AR_IND)
Student	Student. This indicator identifies which term will be used for retrieving data from the Student system (campus, level, and major). (RORPRDS_STUDENT_IND)
Satisfactory Academic Progress	Satisfactory Academic Progress. This indicator is used to identify which term will be used in disbursement processing to determine whether or not the student is making satisfactory academic progress. (RORPRDS_SAP_IND)

Periods Inquiry (ROIPRDS)

The screenshot shows a window titled "Periods Inquiry ROIPRDS 8.9 (s14s80)". The window contains a table with the following columns: Period, Description, Aid Year, Start Date, End Date, Sequence Number, Crossover Aid Year, and Active. The table lists four defined periods: SUMMER 1011, SPRING 1011, WINTER 1011, and FALL 1011. Each row has a checkbox in the Active column, all of which are checked.

Period	Description	Aid Year	Start Date	End Date	Sequence Number	Crossover Aid Year	Active
SUMMER 1011	Summer 2010-11	1011	01-JUN-2011	31-JUL-2011	201130	1112	<input checked="" type="checkbox"/>
SPRING 1011	Spring 2010 -2011	1011	15-JAN-2011	15-MAY-2011	201120		<input checked="" type="checkbox"/>
WINTER 1011	Winter 2010-2011	1011	24-DEC-2010	12-JAN-2011	201115		<input checked="" type="checkbox"/>
FALL 1011	Fall 2010 -2011	1011	01-AUG-2010	31-DEC-2011	201110		<input checked="" type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
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							<input type="checkbox"/>
							<input type="checkbox"/>

The ROIPRDS form was created to display all Periods that have been defined. The following fields allow you to display previously defined period information:

Field	Description
Period	Period. (ROBPRDS_PERIOD)
Description	Period Description. (ROBPRDS_DESC)
Aid Year	Aid Year. (ROBPRDS_AIDY_CODE)
Start Date	Start Date. (ROBPRDS_START_DATE)
End Date	End Date. (ROBPRDS_END_DATE)
Sequence Number	Sequence Number. (ROBPRDS_SEQ_NO)
Crossover Aid Year	Crossover Aid Year. (ROBPRDS_AIDY_CODE_CROSS)
Active	Active Indicator. (ROBPRDS_ACTIVE_IND)

Changed Forms

The following forms have been changed in the Banner Financial Aid 8.9 release:

Fund Award and Disbursement Schedule Rules (RFRASCH)

Fund award and disbursement schedules for an aid period will now be created using periods instead of term codes. For example, for a fall/spring aid period you will now create the award/disbursement schedule using periods which represent fall and spring for the aid year.

The RFRASCH form now uses a view to display and query the data on the form based on the sequence numbers assigned to the periods.

Buttons to create a default award and disbursement schedule have also been added replacing the insert function. When you select to create the default award schedule, the disbursement schedule will automatically be created for non-loan funds which have a Disburse option of System on RFRMGMT/ROAMGMT. You may also still add values for both the award and disbursement schedule rules manually or update as appropriate. You may also select to delete the award and disbursement schedules by selecting the **Delete Award Schedule** button. When the buttons are used to create/delete, the fund award and/or disbursement schedules, the save will automatically occur.

To prevent potential errors for insufficient data being entered prior to saving a record, the award schedule will default an award percent based on the number of periods for the aid period, divided by 100. If the fund requires the Grant Award Percent to exist, the same logic will be used. The award schedule percents may then be updated, as appropriate for your school.

Award Schedule Block

The screenshot shows the 'Fund Award and Disbursement Schedule Rules' window for RFRASCH 8.9 (s10680). At the top, the 'Aid Year' is set to 1011, 'Aid Period' to SLSM, and 'Fund Code' to MERIT (Merit Scholarship). Below this are two main sections: 'Award Schedule' and 'Disbursement Schedule'.

Award Schedule: This section contains a table with the following columns: Period, Award Percent, Grant Award Percent, Memo Expiration Date, and Activity Date. The first row is populated with 'SUMMER 1011', '100', an empty field, '15-AUG-2011', and '29-AUG-2010'. There are four empty rows below. To the right of the table are two buttons: 'Default Award Schedule' and 'Delete Award Schedule'.

Disbursement Schedule: This section contains a table with the following columns: Period, Disbursement Percent, Disbursement Date, +/- Days, and Activity Date. The first row is populated with 'SUMMER 1011', '100', '01-JUN-2011', '-5', and '29-AUG-2010'. There are four empty rows below. To the right of the table are two buttons: 'Default Disbursement Schedule' and 'Delete Disbursement Schedule'.

The RFRASCH_TERM_CODE attribute has been changed to RFRASCH_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes. List of Values to RORTPRD for the aid period in the key block.

Note

Prior to this release, the RFRASCH form allowed you to change the term code after the record had been saved to a different value. With this release, you will not be able to change the value of the Period (which replaced term) once the record has been saved. ■

The RFVASCH_AWARD_PCT attribute has been modified to display:

Field	Description
Award Percent	Award Percentage: for all funds except grants (Pell, ACG, SMART, TEACH), the percentage of fund amount to be awarded during this period.

The RFVASCH_PELL_AWARD_PCT attribute has been modified to display:

Field	Description
Grant Award Percent	Percentage of Full Aid Year Full Time grant (Pell, ACG, SMART, TEACH) to be awarded for the period. Valid values are 0 - 100.

 **Note**

The logic that had previously required a commit before leaving the Award Schedule Block has been removed for this release. ■

Disbursement Schedule Block

The RFRDSCH_TERM_CODE attribute has been changed to RFVDSCH_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes. List of Values to RORTPRD form for the aid period in the key block.

 **Note**

Prior to this release, the RFRASCH form allowed you to change the term code after the record had been saved to a different value. With this release, you will not be able to change the value of the Period (which replaced term) once the record has been saved. ■

The RFRDEFD_DISBURSE_PCT attribute has been modified to display:

Field	Description
Disbursement Percent	Disbursement Percentage: Percentage of period amount to be disbursed on this date.

 **Note**

The logic that had previously required a commit before leaving the Disbursement Schedule Block has been removed for this release when the default schedule has been used and no updates have been made. ■

Default Award and Disbursement Schedule Rules (RFRDEFA)

Default award and disbursement schedules for an aid period will now be created using periods instead of term codes. For example, for a fall/spring aid period you will now create the award/disbursement schedule using periods which represent fall and spring for the aid year.

The RFRDEFA form now uses a view to display and query the data on the form based on the sequence numbers assigned to the periods.

Buttons to create a default award and disbursement schedule have also been added replacing the insert function. When you select to create the default award schedule, the disbursement schedule will automatically be created. You may also still add values for both the award and disbursement schedule rules manually or update as appropriate. You may also select to delete the award and disbursement schedules by selecting the **Delete Award Schedule** button. When the buttons are used to create/delete the fund award and/or disbursement schedules, the save will automatically occur. To prevent potential errors for insufficient data being entered prior to saving a record, the award schedule will default an award percent based the number of periods for the aid period, divided by 100. The award schedule percents may then be updated as appropriate for your school.

Award Schedule Block

Default Award and Disbursement Schedule Rules: RFRDEFA 8.9 (s10b80)

Aid Year: 1011 2010 - 2011 aid year Aid Period: SLSM

Award Schedule

Period	Award Percent	Grant Award Percent	Memo Expiration Date	Activity Date
SUMMER 1011	100	100	15-AUG-2011	29-AUG-2010

Default Award Schedule
Delete Award Schedule

Disbursement Schedule

Period	Disbursement Percent	Disbursement Date	+/- Days	Activity Date
SUMMER 1011	100	01-JUN-2011	-5	29-AUG-2010

Default Disbursement Schedule
Delete Disbursement Schedule

The RFRDEFA_TERM_CODE attribute has been changed to RFVDEFA_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes. List of Values to RORTPRD Form for the aid period in the key block.

Note

Prior to this release, the RFRDEFA form allowed you to change the term code after the record had been saved to a different value. With this release, you will not be able to change the value of the Period (which replaced term) once the record has been saved. ■

The RFVDEFA_AWARD_PCT attribute has been modified to display:

Field	Description
Award Percent	Award Percentage: for all funds except grants (Pell, ACG, SMART, TEACH), the percentage of fund amount to be awarded during this period.

The Rfvdefa_PELL_AWARD_PCT attribute has been modified to display:

Field	Description
Grant Award Percent	Percentage of Full Aid Year Full Time grant (Pell, ACG, SMART, TEACH) to be awarded for the period. Valid values are 0 - 100.

 **Note**

The logic that had previously required a commit before leaving the Award Schedule Block has been removed for this release. ■

Disbursement Schedule Block

The Rfrdefd_TERM_CODE attribute has been changed to Rfvdefd_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes. List of Valued to RORTPRD Form for the aid period in the key block.

 **Note**

Prior to this release, the RFRDEFA form allowed you to change the term code after the record had been saved to a different value. With this release, you will not be able to change the value of the Period (which replaced term) once the record has been saved. ■

The Rfvdefd_DISBURSE_PCT attribute has been modified to display:

Field	Description
Disbursement Percent	Disbursement Percentage; Percentage of period amount to be disbursed on this date.

Fund Management (RFRMGMT)

Disbursement Tab

The screenshot shows the 'Disbursement' tab in the RFRMGMT application. At the top, there are dropdown menus for 'Aid Year' (set to 1011) and 'Fund Code' (set to MERIT). Below these are several tabs: Fund, Packaging, Disbursement (selected), Disbursement Locks, Fund Comments, Budget, Detail Code Rules, Tracking, Messages, and Copy. The main content area contains several sections of settings:

- 'If Disbursement Load Code greater than Package Load Code:' with a dropdown menu set to 'P=Prorate Disb Amt'.
- 'Payment Percent for Three Quarter Load:' with a text input set to 75.
- 'Payment Percent for Half Load:' with a text input set to 50.
- 'Payment Percent for less than Half Load:' with a text input set to 25.
- 'Change Load During Period:' with a text input set to 'A', highlighted by a red box.
- 'Use Attending Hours' checked with a checkbox.
- 'Use Disbursement Enrollment Edits for Memo' unchecked with a checkbox.
- 'Recoup when Award Reduced' checked with a checkbox.
- 'If Ineligible Before Cut off Date:' with a dropdown menu set to 'B=Backout Disbursements'.
- 'If Ineligible After Cut off Date:' with a dropdown menu set to 'D=Disregard'.
- 'If Selected for Verification but is Not Complete:' with a dropdown menu set to 'Y=Yes allow disbursement'.
- 'Override General Tracking Requirements' checked with a checkbox.
- ' +/- Days for Attending Hours:' with a text input set to 5, highlighted by a red box.

The RFRASPC_CHANGE_LOAD_IND attribute has been modified to display:

Field	Description
Change Load During Period	Valid values are (A)warded or (S)cheduled disbursement prorated.

A new field has been added to the form's **Disbursement** tab. This new field allows you to define the number of days prior to or after the enrollment start date to allow disbursement. When the number of days has been entered for the fund, the enrollment will be calculated based on the date disbursement is run +/- the number of days specified. If no value has been entered (for the number of days), the enrollment will be calculated based on the date disbursement is run.

To allow disbursement to pay the student prior to the student beginning attendance for the calculated enrollment load, you will enter a positive number. To withhold disbursement until after the student begins attendance, you will enter a negative number.

Example:

For the fund, the number of days entered is 5, to pay five days prior to the attendance start date.

Attend Date	Number of Hours
10-AUG-2010	6
20-AUG-2010	12

The disbursement process will allow the student to be paid based on 6 hours, 5 days in advance, 05-AUG-2010, and will allow the student to be paid based on 12 hours, 5 days in advance, 15-AUG-2010, providing all other criteria is met.

The RFRASPC_DISB_NO_DAYS attribute has been added to the form's **Disbursement** tab and displays:

Field	Description
+/- Days for Attending Hours	Number of days prior to (positive number) or after (negative number) attending hours start date to disburse fund. (RFRASPC_DISB_NO_DAYS).

Disbursement Locks Tab

The Disbursement Locks tab now uses a view for display and query of the data using the sequence number of the period.

The RFRDLCK_TERM_CODE attribute has been changed to RFVDLCK_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes.

Note

Prior to this release, the RFRMGMT form allowed the term code to be updated. However, with this release and the creation of the RB_FUND_DISB_LOCK API, update to period will no longer be allowed. ■

Tracking Tab

The RTVTREQ_TERM_ELIGIBLE_IND attribute has been modified to display:

Field	Description
Period Eligible	Period Eligible Indicator

Financial Aid Enrollment (ROAENRL)

The Financial Aid Enrollment (ROAENRL) form has been modified and now provides an option to view an applicant's financial aid hours and student hours by period. This new information is based on the aid period and Pell aid period (if they exist), that have been assigned to the applicant for the aid year in the form's key block. The attending hours for the period will also be provided to allow the number of hours to be viewed when disbursing on the number of hours currently attending. This allows you to view the term and attending hours for all terms within the applicant's period.

Example:

Financial Aid and Current Student Hours (page 1 of ROAENRL)

Summer 2011 period has been created with a financial aid year of 1011 and a crossover aid year of 1110 and has terms 201130 and 201145 belonging to the period.

When the 1011 aid year is entered for the ID, Financial Aid hours if they exist and Current Student hours for the terms 201130 and 201145 will be displayed. Since the period Summer 2011 has been designated as a crossover period for the 1112 aid year, both the 201130 and 201145 Financial Aid and Current Student hours will also be displayed when accessing ROAENRL for the 1112 aid year for the ID.

Financial Aid Hours by Period and Current Student Hours by Period (By Period and By Current Period buttons)

When accessing either the Financial Aid Hours by Period or the Current Student Hours by Period, the sum of the hours for the 201130 and 201145 terms will be reflected in the enrollment for period Summer 2011. This will be the enrollment used by the disbursement process when disbursing for the Summer 2011 period. The Summer 2011 period enrollment will be displayed when the Summer 2011 period is included in the student's aid period or Summer 2011 is included in the student's pell aid period.

- 1011 aid period of Fall/Spring/Summer will display Summer 2011 period enrollment when aid year is 1011 in key block
- 1112 Pell aid period of Summer/Fall/Spring will display Summer 2011 period enrollment when aid year is 1112 in key block

The display of Financial Aid Attending by Period and the Student Current Attending by Period will display the calculated enrollment as of the Attend Date displayed for each period in the student's aid period or Pell aid period.

In the example below, for the Summer 2011 period, the student's calculated enrollment is 3 hours as of May 1st, and calculated enrollment of 6 hours on June 15th.

Period	Attend Date	Credit Hours	Billing Hours	Adjusted Hours
Summer 2011	15_JUN-2011	6	6	6
Summer 2011	01-MAY-2011	3	3	3

Only the Financial Aid term and attending hours fields will be updateable. Enrollment will remain by term and the enrollment load will be calculated based on the hours enrolled in each term of a period. If the applicant is not enrolled in all terms of the period, the enrollment load will be calculated based on the terms which the student is enrolled. If the **Consortium Indicator** has been checked for only one term in a period which contains multiple terms, the functionality for the **Consortium Indicator** will only apply to the term where the **Consortium Indicator** = Y.

 **Note**

Review information found in the Functional Changes section of this Release Guide for additional details on the enrollment calculation and consortium indicators using periods. ■

ROAENRL has been updated to display terms which are included in any period where the key block aid year is either defined as the aid year or the crossover aid year on RORPRDS.

Financial Aid Hours

Financial Aid Enrollment: ROAENRL 8.9 (s10b80)

Aid Year: 1011 ID: 811100135 Worksheet Edit

Term Code	---- Financial Aid Hours ----			Consortium Indicator	Activity Date	User ID	System or Manual
	Credit	Bill	Adjusted				
201145	3.000	3.000	3.000	<input type="checkbox"/>	29-AUG-2010	SLAIRD	S
201130	3.000	3.000	3.000	<input type="checkbox"/>	29-AUG-2010	SLAIRD	S
201120	12.000	12.000	12.000	<input type="checkbox"/>	29-AUG-2010	SLAIRD	S
201110	6.000	6.000	6.000	<input type="checkbox"/>	29-AUG-2010	SLAIRD	S
				<input type="checkbox"/>			

Attending **By Period**

Term Code	Credit	Current Hours Bill	Adjusted	Multi Level	Charges Accepted
201145	3.000	3.000	3.000	<input type="checkbox"/>	N
201130	3.000	3.000	3.000	<input type="checkbox"/>	N
201120	12.000	12.000	12.000	<input type="checkbox"/>	N
201110	6.000	6.000	6.000	<input checked="" type="checkbox"/>	N
				<input type="checkbox"/>	

Current Attending **Current By Period** Schedule

A new **By Period** button has been added to the block. When this new button is selected, the **Financial Aid Enrollment by Period** window is displayed.

Note

If an aid year has not been defined in the form's key block, the new **By Period** button is disabled (de-emphasized).

Current Hours

The new **Charges Accepted** indicator has been added to the block to indicate if charges have been accepted for the term. This field displays the value from the Student system:

Field	Description
Charges Accepted	Charges Accepted for the Term. Display SFBETRM_AR_IND.

A new **Current By Period** button has been added to the block. When this new button is selected, the **Current Enrollment by Period** window is displayed.

Note

If an aid year has not been defined in the form's key block, the new **By Period** button is disabled (de-emphasized).

Financial Aid Hours By Period

Only terms that have been associated with periods included in the student's aid period will be displayed. If the student does not have hours for a term, the term will still be listed however, the hours will be blank.

Financial Aid Enrollment: ROAENRL 8.9 (s10b80)

Aid Year: 1011 ID: 811100135 Worksheet Edit

Financial Aid Enrollment by Period ROAENRL 8.9 (s10b80)

Financial Aid Hours by Period

Period	Credit Hours	Bill Hours	Adjusted Hours
SUMMER 1011	6.000	6.000	6.000
SPRING01011	12.000	12.000	12.000
FALL 1011	6.000	6.000	6.000

Financial Aid Attending by Period

Period	Attend Date	Credit Hours	Bill Hours	Adjusted Hours
SUMMER 1011	15-JUN-2011	3.000	3.000	3.000
SUMMER 1011	01-MAY-2011	3.000	3.000	3.000
SPRING01011	01-APR-2011	12.000	12.000	12.000
SPRING01011	15-JAN-2011	9.000	9.000	9.000
FALL 1011	15-OCT-2010	6.000	6.000	6.000
FALL 1011	15-AUG-2010	3.000	3.000	3.000

Close

Field

Description

Period

Period (ROBPRDS_PERIOD).

Credit Hours

Financial Aid Credit hours for the Period (DISPLAY_CREDIT_HR).

Bill Hours

Bill hours (DISPLAY_BILL_HR).

Adjusted Hours

Adjusted hours (DISPLAY_ADJ_HR).

Financial Aid Attending By Period

The Financial Aid Attending By Period is display only. For each Period in the student's aid period, the total number of hours for the period as of the Attend date are provided.

Field	Description
Period	Period (ATTEND_PERIOD).
Attend Date	Date the Financial Aid Credit, Billing and Adjusted hours started (ATTEND_DATE).
Credit Hours	Financial Aid Credit Hours which have begun (DISPLAY_CREDIT_HR).
Bill Hours	Financial Aid Billing Hours which have begun (DISPLAY_BILL_HR).
Adjusted Hours	Financial Aid Adjusted Hours which have begun (DISPLAY_ADJ_HR).

Current Hours By Period

The screenshot shows a software window titled 'Financial Aid Enrollment: ROAENRL 8.9 (s10b80)'. It contains two tables. The first table, 'Financial Aid Hours by Period', shows data for three periods: SUMMER 1011, SPRING01011, and FALL 1011. The second table, 'Financial Aid Attending by Period', shows data for six periods with their respective attend dates.

Period	Credit Hours	Bill Hours	Adjusted Hours
SUMMER 1011	6.000	6.000	6.000
SPRING01011	12.000	12.000	12.000
FALL 1011	6.000	6.000	6.000

Period	Attend Date	Credit Hours	Bill Hours	Adjusted Hours
SUMMER 1011	15-JUN-2011	3.000	3.000	3.000
SUMMER 1011	01-MAY-2011	3.000	3.000	3.000
SPRING01011	01-APR-2011	12.000	12.000	12.000
SPRING01011	15-JAN-2011	9.000	9.000	9.000
FALL 1011	15-OCT-2010	6.000	6.000	6.000
FALL 1011	15-AUG-2010	3.000	3.000	3.000

Only terms that have been associated with periods included in the student's aid period will be displayed. If the student does not have hours for a term, the term will still be listed however, the hours will be blank.

Field	Description
Period	Period (ROBPRDS_PERIOD).
Credit Hours	Current Credit Hours for the period (DISPLAY_CREDIT_HR).
Bill Hours	Current Billing Hours for the period (DISPLAY_BILL_HR).
Adjusted Hours	Current Adjusted Hours for the period (DISPLAY_ADJ_HR)

Current Attending By Period

The Current Attending By Period is a display of the attending hours from the student system. For each Period in the student's aid period, the total number of hours for the period as of the Attend date are provided.

Field	Description
Period	Period (ATTEND_PERIOD).
Attend Date	Date the Current Credit, Billing, and Adjusted hours started (ATTEND_DATE).
Credit Hours	Current Credit Hours which have begun (DISPLAY_CREDIT_HR).
Bill Hours	Current Billing Hours which have begun (DISPLAY_BILL_HR).
Adjusted Hours	Current Billing Hours which have begun (DISPLAY_ADJ_HR).

Applicant Immediate Process (ROAIMMP)

The ROAIMMP form has been changed to allow you to select a Period to be used in rules for Tracking, Budgeting, and Packaging group process (RORGRPS). When a Period is entered, it will be passed to RORGRPS. The Term field for Group Assignment can still be used to continue processing any rules which you have written to use `tablename_term_code`.

If you have rules for Tracking, Budgeting, and/or Packaging group assignment which use `term_code` from a financial aid table, other than Satisfactory Academic Progress (ROPSAPR), Enrollment (RORENRL, RORATND), or Resources (RPRARSC), you should still enter the term code to be used in the rules for the Grouping process. Once you have reviewed and updated any rules necessary to use table `name_period`, you should begin entering the Period when running the Grouping process. You may always enter both the term and the period without causing an issue with the Grouping process. A message will be provided in the output file which is created to indicate that a term or period has been entered as a parameter, but is not used by the rules.

Additionally, entering a term when Tracking, Budgeting, or Packaging Group Assignment is no longer required.

Satisfactory Academic progress will still be referenced by term.

The disbursement process will now use period. Therefore, the Period must be entered when Authorize or Disburse Available Aid has been selected. The Current Period from ROAINST will default into the field when entered, but may be updated before the process is submitted. The period entered must be the period assigned to the student, as part of the award schedule. The term code, which has been designated with the Accounts Receivable indicator checked, will be the term code passed to Accounts Receivable.

The Term field has been removed from the Letter Generation block of ROAIMMP. The term code is not used in Letter Generation processing for pending letters in Financial Aid.

Field	Description
Period	Period; press LIST for valid values DISPLAY_TGRP_PROC_IND_PRD DISPLAY_BGRP_PROC_IND_PRD DISPLAY_PGRP_PROC_IND_PRD
Period	Authorize/Disburse Available Aid for Period; press LIST for valid values (DISPLAY_AUTH_DISB_AID_PRD).

Global Institution Financial Aid Options (ROAINST)

Aid Year Definition Tab

A new checkbox, **Periods Enabled**, has been added to indicate if the ability to create periods with multiple terms is allowed (checked = Yes). As part of the upgrade process, this indicator has been set to unchecked (No) for aid years prior to 2010-2011 (aid year end year < 2011) to prevent changes to aid already processed. This field is used to perform the necessary edits for internal processing and is not updateable on ROAINST. This field is included as part of the Aid Year Roll process (ROPROLL) and will also have a default value of Yes (checked), when creating a new aid year record manually.

Field**Description**

Periods Enabled

Checkbox indicating if you can create Periods with multiple terms for the aid year (ROBINST_PERIOD_ENABLED).

Options Tab

Global Institution Financial Aid Options ROAINST 8.9 (s14s80)

Aid Year: 1011

Aid Year Definition | Institution Demographics | **Options** | Credit Hours | Exclude Course Levels | Web Processing Rules

Current Period: FALL 1011

Current Term Code: 201110

Default Aid Period: FA/SPR

Initial SAP Status: X

Initial SAP Term Code: 201110

Exception SAP Status: N

Budgeting Group: UGINON

Packaging Group: ONUDRG

Tracking Group: DEPVER

Tracking Established Status: E

Methodology: F=Federal

Need Analysis Calculation Option: F=FM

Use Hosted FM Need Analysis Calculation

Primary Application Source: EDE

Application Received Date: C=Date Created

Source for Application Received Date:

Application Requirement Code:

Message Expiration Days:

International

Create Applicant Non Year User-Defined Data

Create Applicant User-Defined Data

Rescheduled Disbursement Date

Allow Award Status Updates When Locked

The **Current Period** field has been added to the Options tab and will be used as the default value for Grouping and Disbursement on ROAIMMP. Both the current period and current term codes will exist, allowing you to continue processing of rules which are used in grouping that include term code.

Field**Description**

Current Period

Current Period; press LIST for valid codes (ROBINST_CURRENT_PERIOD).

Credit Hours Tab

Aid Year: 1011

Options: Credit Hours

Period	Level	Description	Full Time	Credit Hours 3/4 Time	1/2 Time	Crossover
SUMMER 1011	UG	Undergraduate 2	12.000	9.000	6.000	<input checked="" type="checkbox"/>
SPRING 1011	UG	Undergraduate 2	12.000	9.000	6.000	<input type="checkbox"/>
WINTER 1011	UG	Undergraduate 2	12.000	9.000	6.000	<input type="checkbox"/>
FALL 1011	UG	Undergraduate 2	12.000	9.000	6.000	<input type="checkbox"/>

Enrollment load will now be calculated for a level and period. You must include all periods for the aid year as well as any that are crossover periods which will be used for the aid year. The enrollment load for a period which consists of multiple terms represents the total enrollment of the combined terms. The **Credit Hours** tab now uses a view to display and query the data based on the sequence numbers assigned to the periods.

The RORCRHR_TERM_CODE attribute has been changed to ROVCRHR_PERIOD and modified to display:

Field	Description
Period	Period; press LIST for valid codes (ROVCRHR_PERIOD).

Note

Prior to this release, the ROAINST form allowed you to change the term code after the record had been saved to a different value. With this release, you will not be able to change the value of the Period (which replaced term) once the record has been saved. ■

The DISPLAY_CROSSOVER_IND attribute has been modified to display:

Field	Description
Crossover	Crossover; if checked this period is a crossover period for the aid year (DISPLAY_CROSSOVER_IND).

- This indicator will be checked if period is defined as a crossover for the aid year.

Web Processing Rule Tab

The tab has been modified to replace Term with Period.

Create and Maintain Funds (ROAMGMT)

ROAMGMT has been modified to now access Fund Budget Inquiry (RFIBUDG) when you double click on the Fund Code. The buttons previously accessed from a double click on the fund code, **Allocation**, **Monitor by Year**, **Monitor by Term**, **View Term Summary**, and **View Term Detail**, have been removed because accessing the RFIBUDG form will provide the information.

Tracking Requirements Button

The **Term Eligible** indicator has been changed to **Period Eligible**.

Disbursement Lock Button

The **Disbursement Lock** window now uses a view to display and query the data based on the sequence numbers assigned to the periods. Term has been replaced with Period.

Note

Prior to this release, the ROAMGMT form allowed the term code to be updated. However, with this release and the creation of the RB_FUND_DISB_LOCK API, update to period will no longer be allowed. ■

Additional Disbursement Options Window

References to term have been replaced with period.

Column	RFRASPC_CHANGE_LOAD_IND
Label	Change Load During Period

A new field has been added to the form's **Additional Disbursement Options** window. This new field allows you to define the number of days prior to or after the enrollment start date to allow disbursement. When the number of days has been entered for the fund, the enrollment will be calculated based on the date disbursement is run +/- the number of days specified. If no value has been entered (for the number of days), the enrollment will be calculated based on the date disbursement is run.

To allow disbursement to pay the student prior to the student beginning attendance for the calculated enrollment load, you will enter a positive number. To withhold disbursement until after the student begins attendance, you will enter a negative number.

Example:

For the fund, the number of days entered is 5, to pay five days prior to the attendance start date.

Attend Date	Number of Hours
10-AUG-2010	6
20-AUG-2010	12

The disbursement process will allow the student to be paid based on 6 hours, 5 days in advance, 05-AUG-2010, and will allow the student to be paid based on 12 hours, 5 days in advance, 15-AUG-2010, providing all other criteria is met.

The RFRASPC_DISB_NO_DAYS attribute has been added to the form's **Additional Disbursement Options** window and displays:

Field	Description
+/- Days for Attending Hours	Number of days prior to (positive number) or after (negative number) attending hours start date to disburse fund. (RFRASPC_DISB_NO_DAYS).

Applicant Summary (ROASMRY)

Requirement Code	Requirement Description	Status Indicator	Status Date	Established Date	Satisfied Indicator	SBGI Type	SBGI Code	Required Fund	Period	System Indicator
ADMIT	Admissions Decision	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
ADMIT3	Admissions Decision	S	03-AUG-2010	03-MAR-2010	Y	(None)				M
FAFSA	Fed. Aid Appl.	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
INTERV	Loan Entrance Inter	E	20-AUG-2010	20-AUG-2010	N	(None)		DLUNSB		F
INTERV	Loan Entrance Inter	E	20-AUG-2010	20-AUG-2010	N	(None)		PERK		F
INTERV	Loan Entrance Inter	E	02-SEP-2010	02-SEP-2010	N	(None)		SUESUB		F
PN-PER	Perkins Prom Note	N	27-AUG-2010	20-AUG-2010	N	(None)		PERK		M
STFDAP	Stafford Loan Appl.	E	20-AUG-2010	20-AUG-2010	N	(None)		DLUNSB		F
SUE3	Sue Req 3 test	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
SUELAP	sue loan app	E	26-AUG-2010	26-AUG-2010	N	(None)		SUESUB		F
SUETRM	Sue Term Reg	E	20-AUG-2010	20-AUG-2010	N	(None)		SUESCD	FALL/WNTR 1011	F
SUETRM	Sue Term Reg	E	20-AUG-2010	20-AUG-2010	N	(None)		SUESCD	SPRING01011	F

The updated ROASMRY form has been modified to include a new set of tabs. The following new tabs have been added to the ROASMRY form:

- Requirements Tab
- Memos Tab
- Authorizations Tab
- Loan Distributions Tab
- Perkins MPN Detail Tab
- Promissory Notes Tab

Requirements Tab

Requirement Code	Requirement Description	Status Indicator	Status Date	Established Date	Satisfied Indicator	SBGI Type	SBGI Code	Required Fund	Period	System Indicator
ADMIT	Admissions Decision	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
ADMIT3	Admissions Decision	S	03-AUG-2010	03-MAR-2010	Y	(None)				M
FAFSA	Fed. Aid Appl.	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
INTERV	Loan Entrance Inter	E	20-AUG-2010	20-AUG-2010	N	(None)		DLUNSB		F
INTERV	Loan Entrance Inter	E	20-AUG-2010	20-AUG-2010	N	(None)		PERK		F
PN-PER	Perkins Prom Note	N	27-AUG-2010	20-AUG-2010	N	(None)		PERK		M
STFDAP	Stafford Loan Appl.	E	20-AUG-2010	20-AUG-2010	N	(None)		DLUNSB		F
SUE3	Sue Req 3 test	S	20-AUG-2010	20-AUG-2010	Y	(None)				M
SUETRM	Sue Term Reg	E	20-AUG-2010	20-AUG-2010	N	(None)		SUESCD	FALL/WNTR 1011	F
SUETRM	Sue Term Reg	E	20-AUG-2010	20-AUG-2010	N	(None)		SUESCD	SPRING01011	F

References to term code has been replaced with Period.

The **Requirement Code** and **SBGI Code** LOV buttons have been removed because neither column is updateable on this form.

Like information found on the Memos tab, Authorizations continues to be indexed by term code. There are no other changes on this tab beyond its addition.

Loan Disbursements Tab

Fund	Period	Schedule Date	Sequence	Detail	Accounts Receivable Term	Check Amount	Parent PLUS to Student	Date Received	Feed	Certified Hours
DLUNSB	FALL 1011	13-SEP-2010	1	FDUS	201110	498.00	<input type="checkbox"/>		<input type="checkbox"/>	
DLUNSB	SPRING01011	20-JAN-2011	1	FDUS	201120	498.00	<input type="checkbox"/>		<input type="checkbox"/>	
							<input type="checkbox"/>		<input type="checkbox"/>	
							<input type="checkbox"/>		<input type="checkbox"/>	

The **Loan Disbursement** tab now uses a view to display and query the data on the form based on the sequence numbers assigned to the periods. Term code has been replaced with Period. The Accounts Receivable term code that is associated with the period will be provided.

Promissory Notes Tab

Fund	Period	Direct Loan Sequence	Direct Loan Status	Effective Date	Satisfied Indicator	Satisfied Date	Info Access
DLUNSB Federal Direct Unsub. Stafford	FALL/WNTR 1011	1	Q	20-AUG-2010	N		<input checked="" type="checkbox"/>
SUESCD Sue Scholarship-Coté	SPRING01011			15-AUG-2010	N		<input checked="" type="checkbox"/>
SUESCD Sue Scholarship-Coté				15-JAN-2011	N		<input checked="" type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

The **Promissory Notes** tab now uses a view to display and query the data on the form based on the sequence numbers assigned to the periods. Term code has been replaced with Period.

Batch Posting Rules (RORPOST)

Batch Posting Rules RORPOST 8.9 (s10b80)

Aid Year: 1011 2010 - 2011 aid year

Remove All Select Indicator

Category Value:

Select Category
Deselect Category

Use Indicator	Type Code	Code to Post	Amount to Post	Status	Period	Term Code	Date	Miscellaneous Code 1
<input type="checkbox"/>	Y	4			FALL/WNTR 1011		31-AUG-2010	
<input type="checkbox"/>	DD	MERIT			SUMMER 1011			MERIT
<input type="checkbox"/>	RFT	SUETRM		S				
<input type="checkbox"/>	S	P				201120		
<input type="checkbox"/>	B	WILL	65.00					
<input type="checkbox"/>	R	ADMIT		N				
<input type="checkbox"/>	F	STATE	500.00	OFRD				
<input type="checkbox"/>	L	R						FA_TRACKING
<input type="checkbox"/>	U	1		123456789012345				

* Press COUNT QUERY HITS to view BATCH PROCESS EXTRACT INQUIRY FORM *

Creator ID: CGILLIAM Application Code: FINAID Selection ID: SINGLE_STUDENT User ID: CGILLIAM

The following new **Period** field has been added to the RORPOST form's main block:

Field	Description
Period	Period: press LIST for valid codes (RORPOST_PERIOD).

The following batch Posting Types will now use Period rather than Term Code. The upgrade process for Release 8.9 copies the values for these posting types from the `term_code` column to the `period` column. The descriptions of the following Batch Posting Types have been updated as appropriate to reflect Periods:

Note

Batch posting of S (Satisfactory Academic Progress) and SL (SAP Code Lock/Unlock) will still use Term.

- DD Scheduled Disbursement Date
- HT Hold Code/Period
- MD Memo Expiration Date
- PNA Fund Prd Prom Note/Access Ind

- RFT Fund Period Specific Reqs
- RFTA Fund Period Req/Access Ind
- RFTS Fund Period Req Status
- RT Period Specific Requirements
- RTA Period Req/Access Ind
- RTS Period Req Status
- TL Period Lock

Resource Maintenance (RPAARSC)

This form has been modified to support the change from terms to periods.

Other Resources, Contracts, and Exemptions remain by term and will display for terms that are associated with a period or crossover period for the aid year in the key-block.

Example:

Term 201030 is associated with PERIOD SUMMER 0910 which has an aid year of 0910 and a crossover aid year of 1011.

A Resource, Contract, or Exemption for the 201030 term will be displayed for both the 0910 and 1011 aid years.

Other Resources Block

The screenshot shows the 'Resource Maintenance - RPAARSC 8.9 (s10b80)' window. At the top, there are dropdown menus for 'Aid Year' and 'ID'. Below this is a table with two main columns: 'Other Resources' and 'Amounts'. The 'Other Resources' column contains five rows, each with a 'Resource' dropdown, a 'Term' dropdown, and checkboxes for 'Type', 'Number', and 'Info Access'. The 'Amounts' column contains 'Estimated' and 'Actual' input fields for each row. At the bottom right of the table, there is a red-bordered box labeled 'Other Resources Calculated Total:'. Below the table is a 'Summary' section with fields for 'Aid Period', 'Budget', 'Resources Offered', 'EFC', 'FM', 'IM', 'Gross Need', and 'Unmet Need'.

The block's **Other Resources Calculated Total** field has been modified to allow mouse navigation and will represent the total amount of all resources displayed including crossover terms and resources for the aid year (null term).

For example, a student has other resources entered for the fall, spring, and summer terms and a resource which does not have a term and is for the aid year. The **Other Resources Calculated Total** value will show the sum of all records displayed (fall, spring, summer terms + record without term attached). However, only the term which belongs to a period that is part of the student's aid period plus the resources for the aid year (no term exists) will be used in the calculation of resources for need.

Field	Description
Other Resources Calculated Total	The total of all Other Resources for the aid year (RPRARSC_CALC_TOT_AMT).

Additionally, "Other Resources" for terms that are associated with the Aid year specified in the key block or crossover terms for another aid year can also be displayed.

When displayed for the crossover year, that record cannot be updated (or deleted). The following error messages are displayed, accordingly:

- On Update:
 - "Resource exists in &RPRARSC_AIDY_CODE; update not allowed."
- On Delete:
 - "Resource exists in &RPRARSC_AIDY_CODE; delete not allowed."

Using details from the previous example, when RPAARSC is used for the 0910 aid year, the resource for the 201030 term will be displayed and the record can be updated (or deleted). However, when RPAARSC is used for the 1011 aid year, the resource for the 201030 term will be displayed but the record cannot be updated (or deleted).

Once a record exists in the RPRARSC table, update of the RPRARSC_TERM_CODE is not allowed.

 **Note**

When a record is inserted, the key block aid year is always used. ■

A record with a term code can only be inserted when the term code has been defined with the STVTERM_FA_PROC_YR = key block aid year.

For example, Term 201030 has STVTERM_FA_PROC_YR = 0910.

From RPAARSC, enter "0910" in the key block along with a valid Student ID. The record is allowed to be inserted into RPRARSC and will have RPRARSC_AIDY_CODE = '0910'

From RPAARSC, enter “1011” in the key block along with a valid Student ID. If an attempt is made to add record with term code = 201030. The insert is not allowed, and in this case would be followed by this error message:

- “Unable to create record. Use 0910 aid year for 201030 term.”

Summary Block

The Summary Block has been modified to provide the resource amount calculated from Other Resources, Contracts, and/or Exemptions based on the aid period assigned to the student for the aid year in the key-block. See information provided in Resource Calculation.

All fields in the Summary Block allow mouse over text help.

Field	Description
Aid Period	Aid Period of the student for the aid year (RORSTAT_APRD_CODE).
Budget	Budget Amount (RNVANDO_BUDGET_AMOUNT).
Resources	Resources for the aid period (RNVANDO_RESOURCE_AMOUNT).
Offered	Offered aid (RNVANDO_OFFER_AMT).
EFC	FM EFC (RNVANDO_EFC_AMT).
Gross Need	FM Gross Need (RNVANDO_GROSS_NEED).
Unmet Need	FM Unmet Need (RNVANDO_UNMET_NEED).
EFC	IM EFC (RNVANDO_IM_EFC_AMT).
Gross Need	IM Gross Need (RNVANDO_IM_GROSS_NEED).
Unmet Need	IM Unmet Need (RNVANDO_IM_UNMET_NEED).

Exemptions and Contracts

The calculated total fields have been modified to allow mouse over help.

Field	Description
Exemptions and Contracts Calculated Total	The total of all Exemptions and Contracts for the aid year (ARSC_CALC_TOT_AMT).
Calculated Grand Total of All Resources	The total of all Other Resources and Exemptions and Contracts for the aid year (ARSC_CALC_GRAND_TOT_AMT).

Note

The Calculated Grand Total of All Resources may no longer equal the Resources in the Summary Block. The Other Resources Calculated Total and the Exemptions and Contracts Calculated Total are totals for the aid year. The Resources in the Summary Block reflect the total for the aid period. ■

Other Changed Forms

Additionally, other Banner Financial Aid forms include specific changes to accommodate the shift to PERIODS.

Common Changes

The “table name_term_code” columns have been changed to “table name_period”, labels, auto-hints, warning and error messages have also been updated. Some forms will now use a view for query and display of data to ensure the data is in the appropriate sequence order of the PERIODS.

The following other Release 8.9 forms have been modified to support the shift to PERIODS:

- Potential Athletic Grant Defaults (RAAPAGD)
- Sport Aid by Period (RAASPTM)
- Team Sport Period Aid (RAITMTM)

- Applicant Budget (RBAABUD)
 - The Applicant Budget form has been modified to allow an aid period which contains a crossover period to be assigned to the student for an aid period. For example, if normally summer is a trailer period at your school, you can now include summer for processing as a header for the student's aid period.
 - For example, a summer crossover period can be associated with an aid period as a trailer for 1011 aid year and associated with an aid period as a header for the 1112 aid year.
- Budget Inquiry (RBIBUDG)
- Budget Component Rules (RBRCOMP)
- 2009-2010 Grant Disbursement/Acknowledgement (READI10)
- 2010-2011 Grant Disbursement/Acknowledgement (READI11)
- Donor and Scholarship Demographics (RFADSCD)
- Fund Budget Inquiry (RFIBUDG)
- Student Employment Mass Entry (RJASEME)
- Payroll Load Control (RJRPAYL)
 - The Term code column has been removed from this form. The Payroll Load Process (RJRLOAD) now includes a parameter for determining the period(s) to associate for a payroll.
- Student Employment Work History (RJISEWH)
- 2009-2010 Need Analysis Processing (RNAPR10)
- 2010-2011 Need Analysis Processing (RNAPR11)
- NSLDS Transfer Monitoring Application (RNATMNT)
- Applicant Holds (ROAHOLD)
- Section Unavailable for Aid (ROASECT)
- Applicant Status (ROASTAT)
- Disbursement Status (ROIDISB)
 - The term code designated with the Accounts Receivable indicator checked for the Period on the Period Base Data form (RORPRDS) will be displayed in the Accounts Receivable Term field which has been added to the key block and is display only.
- Financial Aid Selection Rules (RORRULE)
 - The substitution variable :PERIOD has been added and the proper table joins will occur when rules containing table name_period are used.

- Aid Period Rules (RORTPRD)
 - The RORTPRD form's title and description have been updated to better clarify the form is used to build the rules for the Aid Period. The form also now uses a view to display and query the data on the form based on the sequence numbers assigned to the periods.
- Package Maintenance (RPAAPMT)
 - The award and disbursement schedules now use a view for display and query of the data. Additionally, the display of Crossover Pell and Crossover Aid Year has been modified to display the amount attributed from the crossover award and the crossover aid year for both years. The Accounts Receivable term code has been added to the Disbursement Schedule tab.
- Award Maintenance (RPAAWRD)
 - The disbursement schedule tab now has sub-tabs to allow the display of data. The award and disbursement schedules now use a view for display and query of the data. Additionally, the display of Crossover Pell and Crossover Aid Year has been modified to display the amount attributed from the crossover award and the crossover aid year for both years. The Accounts Receivable term code has been added to the Disbursement Schedule tab.
- Electronic Loan Application (RPAELAP)
 - The loan and disbursement schedules now use a view for display and query of the data. The Accounts Receivable term code has been added to the Disbursement Schedule tab.
- Loan Application (RPALAPP)
 - The loan and disbursement schedules now use a view for display and query of the data. The Accounts Receivable term code has been added to the Disbursement Schedule.
- Loan Disbursement (RPALDSB)
 - The Disbursement details window now uses a view for display and query of the data. The Accounts Receivable term code has been added.
- Direct Loan Origination (RPALORG)
 - The Loan Schedule window now uses a view for display and query of the data. The Accounts Receivable term code has been added to the Disbursement Information window.
- Promissory Note (RPAPROM)
 - RPAPROM now uses a view for display and query of the data.
- Scholarship Period Information (RPASTRM)
 - RPASTRM now uses a view for display and query of Scholarship Details data.

- Applicant Award by Period (RPIATRM)
 - The title and description of RPIATRM has been updated to reflect PERIOD. The form has also been modified to display crossover periods in the aid years they are traditionally associated with. For summer as a trailer school, summer will always display as a trailer. For summer as a header school, summer will always display as a header.
- Fund Award Period Inquiry (RPIFTRM)
 - The title and description of RPIFTRM has been updated to reflect PERIOD.
- Loan Eligibility and Admissions Inquiry (RPQLELG)
 - This form is accessed from the loan forms (RPALAPP, RPAELAP, and RPALORG) by selecting Query Eligibility Data from the Options Menu. Data from the Student system is displayed based upon the term where the Student indicator is checked for the periods within the loan period.
- Loan Period Base Data (RPRLPRD)
 - The Loan and Disbursement schedule rules windows will now use a view for display and query of the data. When creating loan periods that are not associated with an aid period, the periods added on the loan schedule must fall within the start and end dates of the loan period.
- Packaging Options (RPROPTS)
- Applicant Requirements (RRAAREQ)
- Applicant Requirements Mass Entry (RRAMASS)
- Applicant Requirements Inquiry (RRIAREQ)
- Batch Posting Type Validation (RTVPTYP)
- Requirements Tracking Validation (RTVTREQ)

Obsolete Objects

Form

Financial Aid Crossover Terms (RPRCRSS)

Views

Fund by Term View for BANNERQuest (RFVFTRM)

Basic Student Selection View (ROVSTDD)

Requirements View for BANNERQuest (RRVAREQ)

Changed Menus

The following menus have been changed for the Banner Financial Aid 8.9 release:

Financial Aid Common Functions (*RESCOMN)

The Period Inquiry (ROIPRDS) form has been added to this menu.

Financial Aid Common Functions Control (*RECOMNCM)

The Period Base Data (RORPRDS) form has been added to this menu.

Changed Processes

The following processes have been updated to support the Banner Financial Aid 8.9 release:

Payroll Load Process (RJRLOAD)

The Payroll Load process has been modified to load the Payroll ID (parameter 02) to the PERIOD specified as a parameter. In order to allow for the possibility that multiple periods exist for the Payroll ID, the PERIOD parameter allows multiple entries; for example if you have defined multiple PERIODS for summer, you may enter all of the PERIODS as a parameter option.

The process will use the aid year parameter when loading payroll for a workstudy fund that has not been scheduled across periods (no RPRATRM records exist). When processing for a period which is a crossover, RJRLOAD will determine the aid year for the student based on the aid year of the award record which contains the period(s) entered as a parameter. For example, student A has a workstudy award for SUMMER PERIOD in 0910 and student B has a workstudy award for SUMMER PERIOD in 1011. If the aid year parameter is left blank and the SUMMER PERIOD is entered as the PERIOD parameter, student A's payroll would be loaded to 0910 and student B's payroll would be loaded to 1011.

The process will determine if the PERIOD entered as a parameter exists as part of the student's award schedule and if so, the record will be loaded to both the award (RPRAWRD) and award schedule (RPRATRM) as well as the workstudy tables. If the period does not exist for the student, the record will be loaded to the award table (RPRAWRD) based on the option chosen for parameter 05 - Ignore Missing Period Record.

The following job parameters have been changed/added:

Parm	Description	Values
05 Ignore Missing Period Record	Ignore Missing Period Record Required Single Length = 1 Type = Character	Load payment despite missing period record; [Y]es, (N)o.
06 Period	Period Required Multiple Length = 15 Type = Character	ROI PRDS Validation: ROBP RDS_EQUAL

Batch Posting Process (RORBPST)

The following post types have been modified to use “period” instead of “term”:

- DD Scheduled Disbursement Date
- HT Hold Code/Period
- MD Memo Expiration Date
- PNA Fund Prd Prom Note/Access Ind
- RFT Fund Period Specific Reqs
- RFTA Fund Period Req/Access Ind
- RFTS Fund Period Req Status
- RT Period Specific Requirements
- RTA Period Req/Access Ind
- RTS Period Req Status
- TL Period Lock

As part of the 8.9 upgrade, the values previously existing for these posting types in the `term_code` columns were copied to the new period columns.

Note

Batch Posting for Satisfactory Academic Progress and SAP lock/unlock will remain using `term_code`. ■

Automatic Group Assignment (RORGRPS)

A new parameter has been added to define a PERIOD to be used a substitution variable when processing a Group Assignment rule.

Parm	Description	Values
11 Period	Period Optional Single Length = 15 Type = Character	ROIPRDS Validation: ROBPRDS_EQUAL

Disbursement Process (RPEDISB)

Under Release 8.9, Term processing has been replaced by Period processing wherever appropriate.

Parameter 03, Term Code has been replaced by Period.

Report Messaging

All logic associated with the “Term Charges have not been accepted” message has been removed from the RPEDISB process. This logic has been incorporated in the calculation of term load in the `rokmisc_period` package which is used by the UCLRTN Load Calculation when calculating disbursement loads.

When students have not accepted charges in the Accounts Receivable module and Financial Aid requires that charges be accepted, the load calculation will return 0 hours, which will result in the Financial Aid not disbursing. The “Term Charges have not been accepted” message will no longer be displayed in the disbursement report.

Year Round Pell Crossover Aid Years

Processing for Year Round Pell crossover aid years has changed. Summer terms in crossover aid years were previously identified in the RPRCRSS table. The new ROBPRDS Period Rules Table will now be used to determine crossover aid years for a Period.

Pell Calculation Process (RPEPELL)

Under Release 8.9, Term processing has been replaced by Period processing.

Processing for Year Round Pell crossover aid years has changed. Summer terms in crossover aid years were previously identified in the RPRCRSS table. The new Period Rules Table (ROBPRDS) will now be used to determine crossover aid years for a Period.

Other Changed Processes

The following processes have been modified for this release to reference PERIODS rather than TERM in job submission parameters, processing, and/or the process output.

Common Changes

Parameters which were previously defined with a term, the parameter description has been updated to reflect period and the length has been expanded to 15 characters. By renaming the job submission parameters, no changes should be necessary to saved parameter sets since periods have been created using term codes currently in the system as part of the upgrade process.

The following other Release 8.9 processes have been modified to support the shift to PERIODS:

- Athletic Grant Period Roll Process (RAPAGRL)
- Athletic Aid Discrepancy Report (RARATAD)
- 2005-2006 Financial Aid Dataload Part 3 (RCRTP06)
- 2006-2007 Financial Aid Dataload Part 3 (RCRTP07)
- 2007-2008 Financial Aid Dataload Part 3 (RCRTP08)
- 2008-2009 Financial Aid Dataload Part 3 (RCRTP09)
- 2009-2010 Financial Aid Dataload Part 3 (RCRTP10)
- 2010-2011 Financial Aid Dataload Part 3 (RCRTP11)
- 2010 ISIR Correction/Request Process (REBCD10)
 - This process was modified to determine the General Student record (SGBSTDN) using the term with the Student Indicator checked for the first period of the applicant's aid period.
- 2011 ISIR Correction/Request Process (REBCD11)
 - This process was modified to determine the General Student record (SGBSTDN) using the term with the Student Indicator checked for the first period of the applicant's aid period.
- 2009-2010 COD Print Process (RERCD10)
- 2010-2011 COD Print Process (RERCD11)
- 2009-2010 COD Extract Process (REREX10)
- 2010-2011 COD Extract Process (REREX11)
- Grant COD Miscellaneous Report (RERGRNT)

- COD Import/Export Report (RERIMEX)
- 2009-2010 Grant Origination Creation Process (REROR10)
 - The process was modified to determine the General Student record (SGBSTDN) using the term with the Student Indicator checked for the first period of the applicant's aid period.
- 2010-2011 Grant Origination Creation Process (REROR11)
 - The process was modified to determine the General Student record (SGBSTDN) using the term with the Student Indicator checked for the first period of the applicant's aid period.
- Account Balance Report (RFRABAL)
- Fund Description Report (RFRFUND)
- Transfer Monitoring Application (RNRTMAC)
- Transfer Monitoring Extract (RNRTMNE)
- Automatic Rule Compilation (ROOGSQL)
 - Rules, where PERIOD is the primary key for a table used, will be compiled with the proper table joins and PERIOD parameter to be passed. Rules which have previously been written using TERM will not need to be immediately re-written to utilize PERIOD.

 **Note**

To improve system performance, SunGard Higher Education recommends reviewing these rules to make any necessary updates to use PERIOD. ■

- Financial Aid New Year Roll Process (ROPROLL)
 - The following columns have been added to the ROPROLL process:
 - ROBINST_PERIOD_ENABLED
 - ROBINST_UPD_LOCKED_AWARD_IND
 - RORPOST_PERIOD
 - RFRASPC_DISB_NO_DAYS
- Grade Exception Report (RORGRDE)
 - This process will now report across aid years if the aid year parameter is blank. Parameter validation (ROKPVAl) was modified to check the aid year/period combination only if the aid year is entered. Crossover periods can be entered with either aid year. The process was modified to select Student terms matching all the terms that are part of the periods entered for the period parameter.
- Applicant Disbursement Report (RPRADSB)
- Award and Disbursement Report (RPRAWDB)

- Applicant Award Report (RPRAWRD)
- Disburse Schedule Date Update (RPRDDUP)
- Promissory Note Manifest (RPRDLPM)
- EFT Posting Process (RPREFTP)
- Electronic Loan Application (RPRELAP)
- Electronic Loan Application Extract (RPRELAX)
- Electronic Loan Change Transaction Extract (RPRELCT)
- Electronic Loan Response Upload (RPRELRU)
- Grant Calculation Process (RPRGRNT)
- Hold/Release Process (RPRHDRL)
- Loan Proceeds Aging Report (RPRLNAG)
- Loan Exception Report (RPRLNEX)
- Direct Loan Record Creation (RPRLORC)
- Loan Summary Report (RPRLSUM)
- Promissory Note Print Program (RPRPNPT)
- Financial Aid Student Billing Payment Report (RPRSBPR)
 - This process will now report across aid years if the aid year parameter is blank. Parameter validation (ROKPVAL) was modified to check the aid year/period combination only if the aid year is entered. Crossover periods can be entered with either aid year. The process was modified to select A/R terms matching all the terms that are part of the periods entered the PERIOD parameter.
- SMART Grant Eligibility Report (RPRSMRT)
 - The process was modified to determine the General Student record (SGBSTDN) using the term with the Student Indicator checked for the first period of the applicant's aid period.
- Title IV Recipient Withdrawn (RPRTIVR)
 - The RPRTIVR process has been modified to change parameter 02 from Term to Period. The process will look for a withdrawal record in Banner Student (SFAWDRL) for all terms that have been associated with the Period entered as a parameter. The Period parameter allows multiples to be entered.

- Disbursement Validation Report (RPRVDIS)
 - The aid year parameter is now optional. This process will now report across aid years if the aid year parameter is blank. Parameter validation (ROKPVVAL) was modified to check the aid year/period combination only if the aid year is entered. Crossover periods can be entered with either aid year.
- Applicant Requirements Report (RRRAREQ)
 - The applicant's enrollment for the PERIOD will be calculated using all terms that are part of the PERIOD.
- Exit Interview Requirements (RRREXIT)
- Data Discrepancies Report (RSRDSCP)
- Financial Aid Enrollment Hours (RSRENRL)
 - The process was modified to validate the term code exists for a PERIOD.

 **Note**

Enrollment will remain by term and calculated based on the terms associated with the PERIOD. The RSRENRL process has not been modified to process by PERIOD. ■

2 Miscellaneous Enhancements - Functional



This section includes descriptions that address the following RPE:

- Batch Java Scripts (RPE 1-BGKXTQ - Banner General)

Additionally, while not considered an enhancement, this section also describes an updated header object (`sis.h`) that has been changed to meet Internationalization standards.

Batch Java Scripts

Under Banner Financial Aid Release 8.8, a set of related objects and their scripts were modified and delivered to satisfy RPE 1-BGKXTQ. However, after delivery, it was discovered that one related object was not included as part of that original 8.8 release posting. To complete all operational aspects of this RPE, the RCPCT11 object and its script have been packaged as part of the Banner Financial Aid Release 8.9 delivery.

All related background information is repeated here to supply context for this follow-up delivery of RCPCT11.

RPE 1-BGKXTQ (Banner General) requests creation of a new script that enables the setting of Java environment variables for use in batch processing.

The Java based Banner job submission processes need to use scripts to run. There is a certain setup that needs to be done within the scripts for the Java code to run. SunGard Higher Education ships these scripts with setup that works for most clients. However, changes to various application scripts were required for the processes to run on a specific environment such as 64-bit. These changes were required for each and every one of the scripts, one per object/Java process. Whenever a new release was installed and these scripts are redelivered, the clients have had to make these changes manually.

These modifications have been centralized to a Banner General-owned script instead of product or object level scripts. A new script has been created that enables the setting of Java environment variables for use for batch processing. These scripts enable clients to define their specific environment in one script that will then be called by multiple batch

processing scripts. This eliminates the need to update every Java-based script after every install.

The following setup steps have been centralized:

- Oracle connection string - This is used by the Java process to make connection to the Oracle database.
- UNIX ONLY - Path to where the Java Virtual Machine (JVM) is located. Sets the LD_LIBRARY_PATH which is need by UNIX to run the JVM.
- Class path to where the connection libraries are located. Each version of the JVM uses a different set of libraries to make connection to Oracle database. This communicates to the JVM where these libraries can be found.

The following environment-specific scripts have been redelivered with Banner Financial Aid 8.8:

- UNIX - banjavaenv.shl
- Windows - banjavaenv.pm
- VMS - banjavaenv.com

 **Note**

If these scripts had been modified with site-specific changes prior to installation of this release, the install process will overwrite any previous script changes. ■

These scripts are located at <BANNER_HOME>/general/misc for UNIX/LINUX/NT and GEN\$COM for VMS.

The following Banner Financial Aid Java based process has had its script modified to use this enhancement:

- RCPCT11 (delivered under Release 8.9)
- REREX11 (originally delivered under Release 8.8)
- RERIM11 (originally delivered under Release 8.8)
- ROPPCAT (originally delivered under Release 8.8)
- RPRGRNT (originally delivered under Release 8.8)

 **Note**

As under Banner Financial Aid Release 8.8, once Release 8.9 has been applied, site-specific changes that were previously made to the rerex11.shl/.pl/.com, rerim11.shl/.pl/.com, roppcat.shl/.pl/.com, and rprgrnt.shl/.pl/.com files will need to be made to the appropriate banjavaenv.shl/.pl/.com file, instead. ■

Internationalization

sis.h (FINAID C Header File)

This header object was updated to meet Internationalization standards. Updates to this header file are completely administrative in nature.



3 Periods - Technical



The section discusses the technical changes made to support updates in the Banner Financial Aid 8.9 release.

Introduction

To successfully meet the requirements of this release, “term_code” has been replaced with “period” in the following Banner Financial Aid tables:

RFRASCH	Fund Award Schedule Rules Table
RFRDEFA	Default Award Schedule Rules Table
RFRDEFD	Default Disbursement Schedule Rules Table
RFRDLCK	Fund Disbursement Lock Table
RFRDSCH	Fund Disbursement Schedule Rules Table
RFRPROM	Promissory Note Requirement Table
RORCRHR	Credit Hours Table
RORHOLD	Applicant Holds Table
RORTPRD	Aid Period/Enrollment Period Table
RPRADSB	Applicant Award Disbursement Table
RPRATRM	Applicant Award Schedule Table
RPRDATE	Enrollment Options by Enrollment Period Table
RPRLADB	Loan Disbursement Table
RPRLATR	Loan Schedule Table
RPRLDSB	Loan Period / Disbursement Schedule Rules Table
RPRLTRM	Loan Period / Loan Schedule Rules Table
RPRRSLT	Disbursement Message Table
RRRAREQ	Applicant Requirements Table

Methodology

The following strategy was used to establish period based processing.

- The foreign key constraint to STVTERM was dropped.
- The TERM_CODE column was renamed to PERIOD.

- A TERM_CODE column was added.
- The TERM_CODE column was populated with the contents of the PERIOD column.
- The PERIOD column was resized.
- The comment on columns were modified
- A foreign key constrain was added to ROBPRDS

These steps allow periods to be added without requiring primary keys and indexes to be rebuilt.

By adding a TERM_CODE column, existing rules and processes remain functional. Once periods are created which contain multiple terms, rules and processes may no longer function correctly. SunGard Higher Education recommends that rules in RORRULE, local modifications, and scripts be changed to use the new period functionality before periods with multiple terms are created.

After the install, the added TERM_CODE columns will be populated with the term code where the RORPRDS_AR_IND = 'Y' for the period.

No modifications were made to the contacts and exemptions, enrollment, and academic status tables for Release 8.9.

RPRARSC	Applicant Resource Table
RPRCONT	Third Party Contract Rules Table
RPREXPT	Exemption Rules Table
RORENRL	Financial Aid Enrollment Table
RORATND	Financial Aid Enrollment Attending Hours Table
RORSAPR	Satisfactory Academic Process Rules Table

Changes associated with Athletic tables used a different strategy.

RARSPTM	Financial Aid Sport by Term Table
RARAAWD	Financial Aid Athletic Awards Table

- The TERM_CODE was renamed to PERIOD but a TERM_CODE column was not added.

RARARSC	Financial Aid Athletic Resources Table
RARACEX	Financial Aid Athletic Contracts and Exemptions Table

- A PERIOD column was added and populated with the contents of the TERM_CODE column.

This allows athletic resources and contracts and exemptions to be associated with a period.

Because a period may be made up of multiple term codes, modifications have been made to retrieve data from the Student system (campus, level, etc.) using the term code where the RORPRDS_STUDENT_IND = 'Y' for the period.

Modifications have also been made to retrieve SAP data using the term code where the RORPRDS_SAP_IND = 'Y' for the period.

Existing public APIs have been overloaded so that either a period or a term can be used in the parameter list. This will allow the APIs to be used without modification. However, once periods are created with multiple term codes, the calls to the APIs will need to be modified to use the PERIOD parameter.

A series of views have been delivered that allow forms to correctly sequence periods. Unlike terms, periods must be sequenced using the ROBPRDS_SEQ_NO. APIs are also being delivered which will perform the inserts, updates, and deletes of the existing tables where TERM_CODE has been replaced by PERIOD.

New Tables

The following new tables have been added in the Banner Financial Aid 8.9 release:

Period Base Table (ROBPRDS)

The Period Base Table is a new table with the following characteristics:

Column Name	Can be Null?	Type	Description
ROBPRDS_PERIOD	No	VARCHAR2(15)	PERIOD: The code to define the enrollment or payment period for this record.
ROBPRDS_DESC	No	VARCHAR2(30)	PERIOD DESCRIPTION: The description of the enrollment or payment period.
ROBPRDS_START_DATE	No	DATE	PERIOD START DATE: The start date of this enrollment or payment period.
ROBPRDS_END_DATE	No	DATE	PERIOD END DATE: The end date of this enrollment or payment period.

Column Name	Can be Null?	Type	Description
ROBPRDS_AIDY_CODE	No	VARCHAR2(4)	AID YEAR CODE: The aid year to be associated with information in this record.
ROBPRDS_SEQ_NO	No	NUMBER(8)	PERIOD SEQUENCE NUMBER: The relative order of the period.
ROBPRDS_ACAD_YEAR	No	VARCHAR2(10)	ACADEMIC YEAR: The academic year associated with the enrollment or payment period.
ROBPRDS_CROSSOVER_IND	No	VARCHAR2(1) DEFAULT 'N'	CROSSOVER INDICATOR: Indicates this enrollment or payment period is for summer crossover and may be associated with more than one aid year.
ROBPRDS_ACTIVE_IND	Yes	VARCHAR2(1) DEFAULT 'Y'	ACTIVE INDICATOR: Indicates whether the period is active.
ROBPRDS_AIDY_CODE_CROSS	Yes	VARCHAR2(4)	CROSSOVER AID YEAR CODE: The aid year code to which the term code is being assigned as a crossover term in addition to the financial aid processing year defined in ROBPRDS_AIDY_CODE
ROBPRDS_COMMENT	Yes	VARCHAR2(240)	PERIOD COMMENT: The comment associated with the enrollment or payment period.
ROBPRDS_ACTIVITY_DATE	Yes	DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
ROBPRDS_USER_ID	Yes	VARCHAR2(30)	USER ID: The user ID of the person who inserted or last updated this record.
ROBPRDS_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.

Period Rules Table (RORPRDS)

The Period Rules Table is a new table with the following characteristics:

Column Name	Can be Null?	Type	Description
RORPRDS_PERIOD	No	VARCHAR2(15)	PERIOD: The enrollment or payment period code.
RORPRDS_TERM_CODE	No	VARCHAR2(6)	TERM CODE: The term code associated with the period.
RORPRDS_AR_IND	No	VARCHAR2(1) DEFAULT 'N'	ACCOUNTS RECEIVABLE INDICATOR: Indicates if the term code is used for accounts receivable transactions for the period.
RORPRDS_STUDENT_IND	No	VARCHAR2(1) DEFAULT 'N'	STUDENT INDICATOR: Indicates if the term code is used for student data for the period.
RORPRDS_SAP_IND	No	VARCHAR2(1) DEFAULT 'N'	SATISFACTORY ACADEMIC PROGRESS INDICATOR: Indicates if the term code is used for satisfactory academic progress data for the period.
RORPRDS_ACTIVITY_DATE	Yes	DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
RORPRDS_USER_ID	Yes	VARCHAR2(30)	USER ID: The user ID of the person who inserted or last updated this record.
RORPRDS_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.

After both the Period Base (ROBPRDS) Table and the Period Rules (RORPRDS) Table have been created, a script has been run to populate these tables. Each term defined in the Term Validation (STVTERM) Table which has a financial aid processing year, which has been defined in ROBINST, (STVTERM_FA_PROC_YR) will be added as a period.

Changed Tables

The following tables have been changed in the Banner Financial Aid 8.9 release:

Financial Aid Athletic Awards Table (RARAARD)

RARAARD table changes include:

- The FK1_RARAARD_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” column has been renamed “period”.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The FK1_RARAARD_INV_ROBPRDS_KEY foreign key constraint has been added.

The following RARAARD comment on columns were modified for this release:

Column Name	Comment
RARAARD_PERIOD	PERIOD: The period associated with the student sport record.
RARAARD_REPORTED_AMT	REPORTED AMOUNT: The amount reported to athletics for the period.

Financial Aid Athletic Contracts and Exemptions Table (RARACEX)

RARACEX table changes include:

- The PK_RARACEX primary key has been dropped.
- The following column and comment on columns have been added:

Column Name	Can be Null?	Type	Comment
RARACEX_PERIOD	No	VARCHAR2(15)	PERIOD: The period associated with the student sport record.

- A script has been run which will copy the contents of RARACEX_TERM_CODE to RARACEX_PERIOD.

- **Addition of a new unique index for the primary key:**

```
ALTER TABLE RARACEX
CREATE UNIQUE INDEX PK_RARACEX ON RARACEX
( RARACEX_PIDM,
  RARACEX_PERIOD,
  RARACEX_TERM_CODE,
  RARACEX_FASP_CODE,
  RARACEX_TYPE_IND,
  RARACEX_CONTRACT_PIDM,
  RARACEX_CONTRACT_EXEMPT_NUMBER)
```

- **Addition of a new primary key constraint:**

```
ALTER TABLE RARACEX
ADD CONSTRAINT PK_RARACEX
PRIMARY KEY (RARACEX_PIDM,
            RARACEX_PERIOD,
            RARACEX_TERM_CODE,
            RARACEX_FASP_CODE,
            RARACEX_TYPE_IND,
            RARACEX_CONTRACT_PIDM,
            RARACEX_CONTRACT_EXEMPT_NUMBER);
```

- **The FK1_RARACEX_INV_ROBPRDS_KEY foreign key constraint has been added.**

```
ALTER TABLE RARACEX
ADD CONSTRAINT FK1_RARACEX_INV_ROBPRDS_KEY
FOREIGN KEY (RARACEX_PERIOD)
REFERENCES ROBPRDS (ROBPRDS_PERIOD);
```

Financial Aid Athletic Resources Table (RARARSC)

RARARSC table changes include:

- **The PK_RARARSC primary key has been dropped:**

```
ALTER TABLE RARARSC
DROP CONSTRAINT PK_RARARSC;
```

- The following column and comment on columns have been added:

Column Name	Can be Null?	Type	Comment
RARARSC_PERIOD	No	VARCHAR2(15)	PERIOD: The period associated with the student sport record.

- A script has been run which will copy the contents of RARARSC_TERM_CODE to RARARSC_PERIOD.
- Addition of a not null constraint:

```
ALTER TABLE RARARSC
    MODIFY RARARSC_PERIOD NOT NULL;
```

- Addition of a new unique index for the primary key:

```
ALTER TABLE RARARSC
CREATE UNIQUE INDEX PK_RARARSC ON RARARSC
    (RARARSC_PIDM,
    RARARSC_PERIOD,
    RARARSC_TERM_CODE,
    RARARSC_FASP_CODE,
    RARARSC_ARSC_CODE)
```

- Addition of a new primary key constraint:

```
ALTER TABLE RARARSC
ADD CONSTRAINT PK_RARARSC
PRIMARY KEY (RARARSC_PIDM,
    RARARSC_PERIOD,
    RARARSC_TERM_CODE,
    RARARSC_FASP_CODE,
    RARARSC_ARSC_CODE);
```

- The FK1_RARARSC_INV_ROBPRDS_KEY foreign key constraint has been added.

Financial Aid Sport by Period Table (RARSPTM)

RARSPTM table changes include:

- The FK1_RARSPTM_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The comment on table has been modified to Financial Aid Sport by Period Table.
- The following comment on columns have been modified:

Column Name	Comment
RARSPTM_PERIOD	PERIOD: The period associated with the student sport record.
RARSPTM_ATHL_AID_TERM_AMT	ATHLETIC AID PERIOD AMOUNT: The total amount of athletic aid actually awarded for the period.
RARSPTM_TERM_PCT	PERIOD PERCENT: The percentage of the full potential athletic grant amount which has been awarded in this period.
RARSPTM_TERM_COUNT	PERIODS OF AID: The number of regular periods in which the student has received athletic aid.
RARSPTM_SUMMER_TERM_COUNT	PERIODS OF SUMMER AID: The number of summer periods in which the student has received athletic aid.

- The FK1_RARSPTM_INV_ROBPRDS_KEY foreign key constraint has been added.

Fund Award Schedule Rules Table (RFRASCH)

RFRASCH table changes include:

- The FK1_RFRASCH_INV_STVTERM_CODE foreign key constraint has been dropped.
- The FK1_RFRASCH_INV_RFRDEFA_KEY foreign key constraint has been dropped.

Note

The FK1_RFRASCH_INV_RFRDEFA_KEY has been disabled.

- The “term code” has been renamed “period”.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RFRASCH_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RFRASCH_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RFRASCH_PERIOD to RFRASCH_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).

The following RFRASCH comment on columns were added/modified for this release:

Column Name	Comment
RFRASCH_APRD_CODE	AID PERIOD CODE: The aid period code that identifies the particular part of the year in which students may be enrolled.
RFRASCH_FUND_CODE	FUND CODE: The fund code associated with the award schedule.
RFRASCH_PERIOD	PERIOD: The payment period for this award schedule rule.
RFRASCH_AWARD_PCT	AWARD PERCENT: Percentage of the full year award to be scheduled for the period.
RFRASCH_MEMO_EXP_DATE	MEMO EXPIRATION DATE: The date that any memo amount for the period will expire.
RFRASCH_PELL_AWARD_PCT	GRANT AWARD PERCENT: Percentage to be used when calculating the grant award for a period. This percentage, multiplied by the maximum grant award for the year based on the student’s enrollment, determines the maximum grant award for the period.

- The FK1_RFRASCH_INV_ROBPRDS_KEY foreign key constraint has been added.

Fund Aid Year Specific Data Table (RFRASPC)

The following RFRASPC column was added for this release:

Column Name	Can be Null?	Type	Comment
RFRASPC_DISB_NO_DAYS	Yes	NUMBER(3)	DISBURSEMENT DATE OFFSET: Number of days prior to or after the disbursement date to calculate attending hours.

The following RFRASPC comment on columns were modified for this release:

Column Name	Comment
RFRASPC_AUTO_SCHED_IND	AUTOMATIC SCHEDULING INDICATOR: This indicator is used to define if this fund code, once awarded should be automatically scheduled between periods.
RFRASPC_ROUND_SCHED_IND	ROUND SCHEDULE: This field defines the rounding rules used in scheduling the award by periods and for use in fund disbursement.

Default Award Schedule Rules Table (RFRDEFA)

RFRDEFA table changes include:

- The FK1_RFRDEFA_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RFRDEFA_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RFRDEFA_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RFRDEFA_PERIOD to RFRDEFA_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).

- The comment on table has been modified to Default Award Schedule Rules Table.

The following comment on columns were added/modified for this release:

Column Name	Comment
RFRDEFA_AIDY_CODE	AID YEAR CODE: The aid year associated with information in this record.
RFRDEFA_APRD_CODE	AID PERIOD CODE: The aid period code that identifies the particular part of the year in which students may be enrolled.
RFRDEFA_PERIOD	PERIOD: The payment period for this award schedule rule.
RFRDEFA_AWARD_PCT	AWARD PERCENT: Percentage of the full year award to be scheduled for the period.
RFRDEFA_MEMO_EXP_DATE	MEMO EXPIRATION DATE: The date that any memo amount for the period will expire.
RFRDEFAPELL_AWARD_PCT	GRANT AWARD PERCENT: Percentage to be used when calculating the grant award for a period. This percentage, multiplied by the maximum grant award for the year based on the student's enrollment, determines the maximum grant award for the period.

The FK1_RFRDEFA_INV_ROBPRDS_KEY foreign key constraint has been added.

Default Disbursement Schedule Rules Table (RFRDEFD)

RFRDEFD table changes include:

- The FK1_RFRDEFD_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The comment on table has been modified to Default Disbursement Schedule Rules Table.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RFRDEFD_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RFRDEFD_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RFRDEFD_PERIOD to RFRDEFD_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns were added/modified for this release:

Column Name	Comment
RFRDEFD_APRD_CODE	AID PERIOD CODE: The aid period code that identifies the particular part of the year in which students may be enrolled.
RFRDEFD_PERIOD	PERIOD: The payment period for this disbursement schedule rule.
RFRDEFD_DISBURSE_DATE	DISBURSEMENT DATE: The expected disbursement date.
RFRDEFD_DISBURSE_PCT	AWARD PERCENT: Percentage of the award to be scheduled for disbursement for the disbursement date.
RFRDEFD_DISB_SCHED_NO_DAYS	DISBURSEMENT DATE OFFSET: Number of days prior to or after the first class start date of the student to schedule the disbursement.

- The FK1_RFRDEFD_INV_ROBPRDS_KEY foreign key constraint has been added.

Fund Disbursement Lock Table (RFRDLCK)

RFRDLCK table changes include:

- The FK1_RFRDLCK_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RFRDLCK_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RFRDLCK_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RFRDLCK_PERIOD to RFRDLCK_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns were added/modified for this release:

Column Name	Comment
RFRDLCK_AIDY_CODE	AID YEAR CODE: The aid year associated with information in this record.
RFRDLCK_PERIOD	PERIOD: The payment period where the disbursement lock is indicated for the fund.
RFRDLCK_LOCK_IND	LOCK INDICATOR: Indicates whether the fund is locked from further disbursements by period.

- The FK1_RFRDLCK_INV_ROBPRDS_KEY foreign key constraint has been added.

Fund Disbursement Schedule Rules Table (RFRDSCH)

RFRDSCH table changes include:

- The FK1_RFRDSCH_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RFRDSCH_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RFRDSCH_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RFRDSCH_PERIOD to RFRDSCH_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The FK1_RFRDSCH_INV_ROBPRDS_KEY foreign key constraint has been added:

Promissory Note Requirement Table (RFRPROM)

RFRPROM table changes include:

- The “term code” has been renamed “period”.
- A script has been run which will copy the contents of RFRPROM_PERIOD to RFRPROM_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on column has been modified for this release:

Column Name	Comment
RFRPROM_PERIOD	PERIOD: The period associated with this promissory note.

Scholarship Demographics Table (RFRSDEM)

The following comment on column has been modified for this release:

Column Name	Comment
RFRSDEM_MAXIMUM_TERMS	MAXIMUM NUMBER OF PERIODS: The maximum number of periods a recipient can receive the scholarship.

Temporary Fund Aid Year Specific Data Table (RFTASPC)

The following comment on columns have been modified for this release:

Column Name	Comment
RFTASPC_AUTO_SCHED_IND	AUTOMATIC SCHEDULING INDICATOR: This indicator is used to define if this fund code, once awarded should be automatically scheduled between periods.
RFTASPC_ROUND_SCHED_IND	ROUND SCHEDULE: This field defines the rounding rules used in scheduling the award by periods and for use in fund disbursement.

Payroll Load Rules Table (RJRPAYL)

RJRPAYL table changes include:

- The FK1_RJRPAYL_INV_STVTERM_CODE foreign key constraint has been dropped.
- The following columns have been added/modified:

Column Name	Comment
RJRPAYL_AIDY_CODE	AID YEAR CODE: The aid year to be associated with information in this record.
RJRPAYL_YEAR	YEAR: The year associated with the payroll.
RJRPAYL_PICT_CODE	PAYROLL IDENTIFICATION CODE: The payroll identification code.
RJRPAYL_PAYNO	PAYROLL NUMBER: The number of the current payroll for this pay id.
RJRPAYL_TERM_CODE	Obsolete: This column is no longer used by Banner.
RJRPAYL_ACTIVITY_DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
RJRPAYL_PROCESS_IND	PROCESS INDICATOR: Indicates if the payroll has been processed.
RJRPAYL_USER_ID	USER ID: The user ID of the person who inserted or last updated this record.

Student Employment Work History Table (RJRSEWH)

RJRSEWH table changes include:

- The following column has been added:

Column Name	Can be Null?	Type	Comment
RJRSEWH_PERIOD	Yes	VARCHAR2(15)	PERIOD: The period associated with the student employment work history.

- The following comment on columns have been added/modified for this release:

Column Name	Comment
RJRSEWH_AIDY_CODE	AID YEAR CODE: The aid year to be associated with information in this record.
RJRSEWH_PIDM	PIDM: The internal system student identification number.
RJRSEWH_POSN	POSITION: Position code associated with the earnings.
RJRSEWH_SUFF	SUFFIX: The suffix associated with the position.
RJRSEWH_PAY_END_DATE	PAY PERIOD ENDING DATE: The date the pay period ended.
RJRSEWH_ACTIVITY_DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
RJRSEWH_HRS	HOURS: Number of hours associated with the Earning Code.
RJRSEWH_RATE	RATE: Rate of pay associated with the earnings.
RJRSEWH_AMT	AMOUNT: Amount of the earnings.
RJRSEWH_YEAR	YEAR: The year associated with the payroll.
RJRSEWH_PICT_CODE	PAYROLL IDENTIFICATION CODE: The payroll identification code.
RJRSEWH_PAYNO	PAYROLL NUMBER: The number of the current payroll for this pay id.
RJRSEWH_USER_ID	USER ID: The user ID of the person who inserted or last updated this record.

- A script has been run which will copy the contents of RJRPAYL_TERM_CODE to RJRSEWH_PERIOD where RJRSEWH_YEAR = RJRPAYL_YEAR and RJRSEWH_PICT_CODE = RJRPAYL_PICT_CODE and RJRSEWH_PAYNO = RJRPAYL_PAYNO if an RPRATRM entry exists for the period.
- The FK1_RJRSEWH_INV_ROBPRDS_KEY foreign key constraint has been added.

Financial Aid Institution Table (ROBINST)

RFRDSCH table changes include:

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
ROBINST_CURRENT_PERIOD	<i>Yes</i>	VARCHAR2(15)	CURRENT PERIOD: The period the institution is currently in.
ROBINST_PERIOD_ENABLED	<i>No</i>	VARCHAR2(1) DEFAULT 'Y'	PERIOD ENABLED: Indicates that periods are fully enabled for the aid year.

- The following comment on columns have been added/modified for this release:

Column Name	Comment
ROBINST_INAS_OPTION	INAS OPTION: No longer used.
ROBINST_FINAID_DIR_PHONE_AREA	AREA CODE: The area code of the financial aid director's phone number.
ROBINST_FINAID_DIR_PHONE_NO	PHONE NUMBER: The phone number of the Financial Aid Director.
ROBINST_SBGI_CONV_IND	SBGI CONVERSION INDICATOR: No longer used.
ROBINST_UPD_LOCKED_AWARD_IND	UPDATE LOCKED AWARD INDICATOR: Indicates if updates to the award status may be made when a fund lock or period lock exists.

The FK1_ROBINST_INV_ROBPRDS_KEY foreign key constraint has been added.

- A script has been added which will set ROBINST_PERIOD_ENABLED to 'N' if ROBINST_AIDY_END_YEAR < 2011.

Credit Hours Table (RORCRHR)

RORCRHR table changes include:

- The FK1_RORCRHR_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RORCRHR_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RORCRHR_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RORCRHR_PERIOD to RORCRHR_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RORCRHR_AIDY_CODE	AID YEAR CODE: The aid year to be associated with information in this record.
RORCRHR_LEVL_CODE	LEVEL CODE: The educational level associated with the valid credit hours.
RORCRHR_PERIOD	PERIOD: The enrollment period associated with the credit hours.
RORCRHR_FULL_TIME_CR_HRS	FULL TIME CREDIT HOURS: The number of credit hours a student must be enrolled in order to be considered enrolled full time.
RORCRHR_3QUARTER_CR_HRS	THREE QUARTER CREDIT HOURS: The number of credit hours a student must be enrolled to be considered three quarter time.
RORCRHR_HALF_TIME_CR_HRS	HALF TIME CREDIT HOURS: The number of credit hours a student must be enrolled in order to be considered enrolled on a half time basis.

- The FK1_RORCRHR_INV_ROBPRDS_KEY foreign key constraint has been added.

Applicant Holds Table (RORHOLD)

RORHOLD table changes include:

- The FK1_RORHOLD_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.

- A script has been run which will copy the contents of RORHOLD_PERIOD to RORHOLD_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The FK1_RORHOLD_INV_ROBPRDS_KEY foreign key constraint has been added.

 **Note**

The RORHOLD_CHECK_AIDY_TERM_CODE check constraint was modified correctly by renaming RORHOLD_TERM_CODE to RORHOLD_PERIOD. ■

Batch Posting Rules Table (RORPOST)

RORPOST table changes include:

- The following column has been added:

Column Name	Can be Null?	Type	Comment
RORPOST_PERIOD	Yes	VARCHAR2(15)	PERIOD: The appropriate period to be used with the batch posted code.

- The following comment on column has been added/modified for this release:

Column Name	Comment
RORPOST_PERIOD	PERIOD: The appropriate period to be used with the batch posted code.

- The RORPOST_KEY_INDEX unique key has been dropped.
- The RORPOST_KEY_INDEX unique key has been added:

```
CREATE UNIQUE INDEX RORPOST_KEY_INDEX ON RORPOST
(RORPOST_AIDY_CODE,
RORPOST_APPL_CODE,
RORPOST_QUERY,
RORPOST_OWNER_ID,
RORPOST_PTYP_CODE,
RORPOST_POST_CODE,
RORPOST_USER_ID,
RORPOST_STATUS_CODE,
RORPOST_TERM_CODE,
RORPOST_PERIOD,
RORPOST_DATE,
RORPOST_MISC_CDE,
```

```
RORPOST_MISC_CDE_2,  
RORPOST_ISIR_COMMENT_RJCT_CDE,  
RORPOST_ISIR_COMMENT_RJCT_TYPE,  
RORPOST_CATEGORY_CODE)
```

- The FK1_RORPOST_INV_ROBPRDS_KEY foreign key constraint has been added.
- A script has been run which will copy the contents of RORPOST_TERM_CODE to RORPOST_PERIOD and set RORPOST_TERM_CODE to NULL for the following RORPOST_PTYP_CODE.

DDScheduled Disbursement Date

HTHold Code/Period

MDMemo Expiration Date

PNAFund Prd Prom Note/Access Ind

RFTFund Period Specific Reqs

RFTAFund Period Req/Access Ind

RFTSFund Period Req Status

RTPeriod Specific Requirements

RTAPeriod Req/Access Ind

RTSPeriod Req Status

TLPeriod Lock

Aid Period/Enrollment Period Table (RORTPRD)

RORTPRD table changes include:

- The FK1_RORTPRD_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The comment on table has been modified to Aid Period/Enrollment Period Table.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RORPRD_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RORPRD_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RORPRD_PERIOD to RORPRD_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns were added/modified for this release:

Column Name	Comment
RORPRD_AIDY_CODE	AID YEAR CODE: The aid year associated with information in this record.
RORPRD_APRD_CODE	AID PERIOD CODE: The aid period in which the valid periods are established.
RORPRD_PERIOD	PERIOD: The valid periods within the aid year and aid period.

- The FK1_RORPRD_INV_ROBPRDS_KEY foreign key constraint has been added.

View Selection Table (RORVIEW)

RORVIEW table changes include:

- The RORVIEW_KEY_INDEX unique index has been dropped.
- The following column has been added:

Column Name	Can be Null?	Type	Comment
RORVIEW_PERIOD	Yes	VARCHAR(15)	PERIOD: The period associated with this record.

- The following comment on columns have been added/modified for this release:

Column Name	Comment
RORVIEW_SESSION_ID	SESSION IDENTIFICATION NUMBER: The session ID that inserted the record.
RORVIEW_PIDM	PIDM: The internal system student identification number.
RORVIEW_TYPE_IND	TYPE IND: Identifies the type of processing or view associated with this record.
RORVIEW_TERM_CODE	TERM CODE: The term code associated with this record.
RORVIEW_AIDY_CODE	AID YEAR CODE: The aid year code associated with this record.

- The RORVIEW_KEY_INDEX unique index has been added:

```
CREATE UNIQUE INDEX RORVIEW_KEY_INDEX ON RORVIEW
(RORVIEW_SESSION_ID,
RORVIEW_PIDM,
RORVIEW_TYPE_IND,
RORVIEW_PERIOD,
RORVIEW_TERM_CODE,
RORVIEW_AIDY_CODE)
```

Loan Options Table (RPBLOPT)

The following RPBLOPT comment on columns were modified for this release:

Column Name	Comment
RPBLOPT_MEMO_LOAN_AMT_IND	MEMO ACTUAL LOAN AMOUNT INDICATOR: This indicator determines whether the actual loan amounts on the Loan Schedule Table (RPRLATR) will be used during memoing.

Applicant Award Disbursement Table (RPRADSB)

RPRADSB table changes include:

- The FK1_RPRADSB_INV_STVTERM_CODE foreign key constraint has been dropped.
- The FK1_RPRADSB_INV_RPRATRM_KEY foreign key constraint has been dropped.

Note

The FK1_RPRADSB_INV_RPRATRM_KEY has been disabled.

- The “term code” has been renamed “period”.
- The following column has been added:

Column Name	Can be Null?	Type	Comment
RPRADSB_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRADSB_PERIOD to RPRADSB_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The FK1_RPRADSB_INV_ROBPRDS_KEY foreign key constraint has been added:

Applicant Award Schedule Table (RPRATRM)

RPRATRM table changes include:

- The FK1_RPRATRM_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- A script has been run which will copy the contents of RPRATRM_PERIOD to RPRATRM_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The comment on table has been modified to Applicant Award Schedule Table.
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRATRM_PERIOD	PERIOD: The period associated with the award schedule.
RPRATRM_OFFER_AMT	OFFERED AMOUNT: The offered dollar amount of the award for the period.
RPRATRM_OFFER_DATE	OFFERED DATE: The date the award was offered for the period.
RPRATRM_DISB_FINAL_IND	DISBURSED FINAL INDICATOR: Indicates if all disbursements have been made within the period indicated.
RPRATRM_DIST_PCT	DISTRIBUTION PERCENT: The distribution percent of the award for the period. This column will be made obsolete in the future.

Column Name	Comment
RPRATRM_MEMO_EXP_DATE	MEMO EXPIRATION DATE: The date the memo of this award for this period will be cancelled.
RPRATRM_ORIG_OFFER_AMT	ORIGINAL OFFERED AMOUNT: The original offered dollar amount of this award for this period.
RPRATRM_ORIG_OFFER_DATE	ORIGINAL OFFERED DATE: The date the award was originally offered for this period.
RPRATRM_ACCEPT_AMT	ACCEPTED AMOUNT: The accepted dollar amount of the award for this period.
RPRATRM_ACCEPT_DATE	ACCEPTED DATE: The date the award was accepted for this period.
RPRATRM_DECLINE_AMT	DECLINED AMOUNT: The declined dollar amount of the award for this period.
RPRATRM_DECLINE_DATE	DECLINED DATE: The date the award was declined for this period.
RPRATRM_CANCEL_AMT	CANCELLED AMOUNT: The cancelled dollar amount of the award for this period.
RPRATRM_CANCEL_DATE	CANCELLED DATE: The date the award was cancelled for this period.
RPRATRM_AUTHORIZE_AMT	AUTHORIZED AMOUNT: The authorized dollar amount of the award for this period.
RPRATRM_AUTHORIZE_DATE	AUTHORIZED DATE: The date the award was authorized for this period.
RPRATRM_MEMO_AMT	MEMOED AMOUNT: The memo dollar amount of the award for this period.
RPRATRM_MEMO_DATE	MEMOED DATE: The date the award for this period was memoed.
RPRATRM_PAID_AMT	PAID AMOUNT: The paid dollar amount of the award for this period.
RPRATRM_PAID_DATE	PAID DATE: The date the award was paid for this period.
RPRATRM_PCKG_LOAD_IND	PACKAGING LOAD INDICATOR: The enrollment status for this period.
RPRATRM_NSLDS_OVRD_IND	NSLDS OVERRIDE: Indicates the rules which have been overridden for the award for the period.
RPRATRMPELL_AWRD_LOAD_OPT	APPLICANT GRANT AWARD ENROLLMENT OPTION: The enrollment option used when the grant award was packaged for the period.
RPRATRM_LOCK_IND	LOCK INDICATOR: Indicates if the award has been locked for the period.
RPRATRM_OVERRIDE_DISB_RULE	OVERRIDE FUND DISBURSEMENT RULE: Indicates whether the fund disbursement rule will be overridden when disbursing a fund to the student for a period.

- The FK1_RPRATRM_INV_ROBPRDS_KEY foreign key constraint has been added.

Financial Aid Authorization Table (RPRAUTH)

RPRAUTH table changes include:

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RPRAUTH_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RPRAUTH_PERIOD	Yes	VARCHAR2(15)	PERIOD: The period associated with the authorized award amount.

- A script has been run which will copy the contents of RPRAUTH_TERM_CODE to RPRAAUTH_PERIOD.
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRAUTH_AIDY_CODE	AID YEAR CODE: The aid year code associated with the authorized award amount.
RPRAUTH_PIDM	PIDM: The internal system-generated student identification number.
RPRAUTH_FUND_CODE	FUND CODE: The fund code associated with the authorized award amount.
RPRAUTH_AMOUNT	AUTHORIZED AMOUNT: The authorized amount of the award.

- The FK1_RPRAUTH_INV_ROBPRDS_KEY foreign key constraint has been added.

Backout Award Table (RPRBAKO)

RPRBAKO table changes include:

- The FK1_RPRBAKO_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The “period” column’s size has been adjusted to VARCHAR2(15).

Financial Aid Crossover Terms Table (RPRCRSS)

RPRCRSS table changes include:

- The table comment has been modified to show:
 - This table is no longer used by Banner.
- The foreign key constraints have been dropped.

Enrollment Options by Enrollment Period Table (RPRDATE)

RPRDATE table changes include:

- The FK1_RPRDATE_INV_STVTERM_CODE unique index has been dropped.
- The “term code” has been renamed “period”.
- The comment on table has been modified to Enrollment Options by Enrollment Period Table.
- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RPRDATE_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RPRDATE_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRDATE_PERIOD to RPRDATE_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRDATE_AIDY_CODE	AID YEAR CODE: The aid year associated with information in this record.
RPRDATE_PERIOD	PERIOD: The period associated with the financial aid cut off date.
RPRDATE_CUT_OFF_DATE	CUT-OFF DATE: The institution’s enrollment cut-off date for financial aid associated with a specific period.

Column Name	Comment
RPRDATE_PELL_AWRD_ENRL_OPT	GRANT AWARDING ENROLLMENT OPTION: The enrollment option used to calculate ACG, Pell, SMART, and TEACH enrollment loads when awarding these funds for the period.
RPRDATE_PELL_DISB_ENRL_OPT	GRANT DISBURSING ENROLLMENT OPTION: The enrollment option used to calculate ACG, Pell, SMART, and TEACH enrollment loads when disbursing these funds for the period.
RPRDATE_PELL_ISIR_TERM_IND	PERIOD GRANT ISIR MAPPING INDICATOR: This indicator maps the grant awarding and disbursing enrollment options period to a specific ISIR enrollment field from the student's current need analysis record.
RPRDATE_DISB_ACT_ENROLL_IND	DISBURSEMENT ENROLLMENT OPTION BY PERIOD: Allows for the setting of the disbursement enrollment to be set on a period by period basis.

- The FK1_RPRDATE_INV_ROBPRDS_KEY foreign key constraint has been added.

Loan Disbursement Table (RPRLADB)

RPRLADB table changes include:

- The “term code” has been renamed “period”.
- The following column has been added:

Column Name	Can be Null?	Type	Comment
RPRLADB_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRLADB_PERIOD to RPRLADB_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).

- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRLADB_PERIOD	PERIOD: The period associated with this individual disbursement.
RPRLADB_DISB_OVERRIDE_IND	DISBURSEMENT OVERRIDE INDICATOR: Allows the override of the disbursement edit for loans that prevents disbursement when sum of the loan period disbursements is greater than the sum of the loan period expected amount.

Loan Schedule Table (RPRLATR)

RPRLATR table changes include:

- The FK1_RPRLATR_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The comment on table has been modified to Loan Schedule Table.
- The following column has been added:

Column Name	Can be Null?	Type	Comment
RPRLATER_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRLATR_PERIOD to RPRLATR_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRLATR_PIDM	PIDM: The internal system generated student identification number.
RPRLATR_FUND_CODE	FUND CODE: The fund code associated with the loan schedule.
RPRLATR_APPL_NO	APPLICATION NUMBER: The system assigned number assigned when the application is added.
RPRLATR_PERIOD	PERIOD: The period associated with the loan schedule.

Column Name	Comment
RPRLATR_LOAN_PCT	LOAN PERCENT: The percentage of the loan that is scheduled for the period.
RPRLATR_RECOMMEND_AMT	RECOMMENDED AMOUNT: The recommended amount of the loan scheduled for the period.
RPRLATR_REQUEST_AMT	REQUESTED AMOUNT: The requested amount of the loan scheduled for the period.
RPRLATR_EXPECT_AMT	EXPECTED AMOUNT: The expected loan amount scheduled for the period.
RPRLATR_APPROVE_AMT	APPROVE AMOUNT: The approved loan amount scheduled for the period.
RPRLATR_MEMO_EXP_DATE	MEMO EXPIRATION DATE: The date on which a memo is no longer effective.
RPRLATR_CERT_HR	CERTIFIED HOURS: The number of credit hours at the time the loan is certified.
RPRLATR_AIDY_CODE	AID YEAR CODE: The aid year associated with the loan schedule.
RPRLATR_DL_SEQ_NO	DL SEQUENCE NUMBER: A system generated sequence number to designate direct loan applications.
RPRLATR_USER_ID	USER ID: The user ID of the person who inserted or last updated this record.
RPRLATR_EXCLUDE_LNEX_FLAG	EXCLUDE FROM RPRLNEX FLAG: Indicates that the RPRLNEX report should not display a line for this loan and period, even if there was a discrepancy in the amounts.

- The FK1_RPRLATR_INV_ROBPRDS_KEY foreign key constraint has been added.

Loan Period / Disbursement Schedule Rules Table (RPRLDSB)

RPRLDSB table changes include:

- The FK1_RPRLDSB_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.

- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RPRLDSB_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RPRLDSB_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRLDSB_PERIOD to RPRLDSB_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRLDSB_PERIOD	PERIOD: The period in which the loan disbursement will take place.
RPRLDSB_LOAN_PCT	LOAN PERCENT: The percentage of the loan that is scheduled to be disbursed on the scheduled disbursement date as associated with the period.
RPRLDSB_MEMO_EXP_DAYS	MEMO EXPIRATION DAYS: The number of days until the memo expires.

- The FK1_RPRLDSB_INV_ROBPRDS_KEY foreign key constraint has been added.
- The following unique index has been added:

```
CREATE UNIQUE INDEX PK_RPRLDSB ON RPRLDSB
(RPRLDSB_LOAN_PERIOD,
RPRLDSB_PERIOD,
RPRLDSB_DISBURSE_DATE)
```

- The following primary key constraint has been added:

```
ALTER TABLE RPRLDSB ADD (
    CONSTRAINT PK_RPRLDSB
    PRIMARY KEY
    (RPRLDSB_LOAN_PERIOD,
    RPRLDSB_PERIOD,
    RPRLDSB_DISBURSE_DATE)
```

Loan Period / Loan Schedule Rules Table (RPRLTRM)

RPRLTRM table changes include:

- The FK1_RPRLTRM_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The comment on table has been modified to Loan Period / Loan Schedule Rules Table.
- The following columns have been added:

Column Name	Can be Null?	Type	Comment
RPRLTRM_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: Source system that created or updated the data.
RPRLTRM_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRLTRM_PERIOD to RPRLTRM_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on columns have been added/modified for this release:

Column Name	Comment
RPRLTRM_PERIOD	PERIOD: The period associated with the loan period.
RPRLTRM_LOAN_PCT	LOAN PERCENT: The percentage of the loan associated with the period.

- The FK1_RPRLTRM_INV_ROBPRDS_KEY foreign key constraint has been added.

Disbursement Message Table (RPRRSLT)

RPRRSLT table changes include:

- The FK1_RPRRSLT_INV_STVTERM_CODE foreign key constraint has been dropped.
- The “term code” has been renamed “period”.
- The following column has been added:

Column Name	Can be Null?	Type	Comment
RPRRSLT_TERM_CODE	Yes	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RPRRSLT_PERIOD to RPRRSLT_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on column has been added/modified for this release:

Column Name	Comment
RPRRSLT_PERIOD	PERIOD: The period to which the reject message in this record is associated.

- The FK1_RPRRSLT_INV_ROBPRDS_KEY foreign key constraint has been added.

Scholarship Summary Table (RPRSSUM)

The following comment on columns were modified for this release:

Column Name	Comment
RPRSSUM_LOSS_ELIGIBILITY	LOSS OF ELIGIBILITY: Number of periods student lost eligibility for the scholarship.
RPRSSUM_MAXIMUM_TERMS	MAXIMUM NUMBER OF PERIODS: The maximum number of periods a student can receive the scholarship.

Applicant Requirements Table (RRRAREQ)

RPRLTRM table changes include:

- The “term code” has been renamed “period”.

- The following column has been added:

Column Name	Can be Null?	Type	Comment
RRRAREQ_TERM_CODE	<i>Yes</i>	VARCHAR2(6)	TERM CODE: The term associated with the accounts receivable indicator for the period.

- A script has been run which will copy the contents of RRRAREQ_PERIOD to RRRAREQ_TERM_CODE.
- The “period” column’s size has been adjusted to VARCHAR2(15).
- The following comment on column has been added/modified for this release:

Column Name	Comment
RPRLTRM_PERIOD	PERIOD: The period associated with the requirement.

Batch Posting Type Validation Table (RTVPTYP)

RTVPTYP table changes include:

- The following column has been added:

Column Name	Can be Null?	Type	Comment
RTVPTYP_PERIOD_REQ_IND	<i>No</i>	VARCHAR2(1) DEFAULT 'N'	PERIOD REQUIRED INDICATOR: Indicates if the Period must be populated for the batch posting type code.

- The following comment on column has been added/modified for this release:

Column Name	Comment
RTVPTYP_PERIOD_REQ_IND	PERIOD REQUIRED INDICATOR: Indicates if the Period must be populated for the batch posting type code.

- A script has been run which will set RTVPTYP_TERM_REQ_IND to 'N' and set RTVPTYP_PERIOD_REQ_IND to 'Y' for the following posting types:
 - DD - Scheduled Disbursement Date
 - HT - Hold Code/Period
 - MD - Memo Expiration Date
 - PNA - Fund Prd Prom Note/Access Ind
 - RFT - Fund Period Specific Reqs
 - RFTA - Fund Period Req/Access Ind
 - RFTS - Fund Period Req Status
 - RT - Period Specific Requirements
 - RTA - Period Req/Access Ind
 - RTS - Period Req Status
 - TL - Period Lock

Tracking Requirements Validation Table (RTVTREQ)

The following comment on column has been modified for this release:

Column Name	Comment
RTVTREQ_TERM_ELIGIBLE_IND	PERIOD ELIGIBLE INDICATOR: Indicates if the requirement can have a period associated with it.

New Packages, Procedures, and Functions

The following new program objects have been added to support the Banner Financial Aid 8.9 release:

RB_AID_PERIOD_RULES API

The Aid Period Rules API (RB_AID_PERIOD_RULES) is based on the Aid Period/Enrollment Period Table (RORTPRD). The Aid Period Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RORTPRD Package

Package specification	rok_d_rortprd0.sql
Package body	rok_d_rortprd1.sql

RB_AID_PERIOD_RULES Package

Package specification	rokb_aprd_rules0.sql
Package body	rokb_aprd_rules1.sql

RB_AID_PERIOD_RULES_RULES Package

Package specification	rokb_aprd_rules_r0.sql
Package body	rokb_aprd_rules_r1.sql

RB_AID_PERIOD_RULES_STRINGS Package

Package specification	rokb_aprd_rules_s0.sql
Package body	rokb_aprd_rules_s1.sql

RB_AUTHORIZATION API

The Authorization API (RB_AUTHORIZATION) is based on the Financial Aid Authorization Table (RPRAUTH). The Authorization API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRAUTH Package

Package specification	rpkd_rprauth0.sql
Package body	rpkd_rprauth1.sql

RB_AUTHORIZATION Package

Package specification	rpkb_authorization0.sql
Package body	rpkb_authorization1.sql

RB_AUTHORIZATION_RULES Package

Package specification	rpkb_authorization_r0.sql
Package body	rpkb_authorization_r1.sql

RB_AUTHORIZATION_STRINGS Package

Package specification	rpkb_authorization_s0.sql
Package body	rpkb_authorization_s1.sql

RB_CREDIT_HOUR_RULES API

The Credit Hour Rules API (RB_CREDIT_HOUR_RULES) is based on the Credit Hours Table (RORCRHR). The Credit Hour Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RORCRHR Package

Package specification	rok_d_rorc_rhr0.sql
Package body	rok_d_rorc_rhr1.sql

RB_CREDIT_HOUR_RULES Package

Package specification	rok_b_cr_hr_rules0.sql
Package body	rok_b_cr_hr_rules1.sql

RB_CREDIT_HOUR_RULES_RULES Package

Package specification	rok_b_cr_hr_rules_r0.sql
Package body	rok_b_cr_hr_rules_r1.sql

RB_CREDIT_HOUR_RULES_STRINGS Package

Package specification	rok_b_cr_hr_rules_s0.sql
Package body	rok_b_cr_hr_rules_s1.sql

RB_DFLT_AWARD_SCHED API

The Default Award Schedule Rules API (RB_DFLT_AWARD_SCHED) is based on the Default Award Schedule Rules Table (RFRDEFA). The Default Award Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RFRDEFA Package

Package specification	rfkd_rfrdefa0.sql
Package body	rfkd_rfrdefa1.sql

RB_DFLT_AWARD_SCHED Package

Package specification	rfkb_dflt_asched0.sql
Package body	rfkb_dflt_asched1.sql

RB_DFLT_AWARD_SCHED_RULES Package

Package specification	rfkb_dflt_asched_r0.sql
Package body	rfkb_dflt_asched_r1.sql

RB_DFLT_AWARD_SCHED_STRINGS Package

Package specification	rfkb_dflt_asched_s0.sql
Package body	rfkb_dflt_asched_s1.sql

RB_DFLT_DISB_SCHED API

The Default Disbursement Schedule Rules API (RB_DFLT_DISB_SCHED) is based on the Default Disbursement Schedule Rules Table (RFRDEFD). The Default Disbursement Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RFRDEFD Package

Package specification	rfkd_rfrdefd0.sql
Package body	rfkd_rfrdefd1.sql

RB_DFLT_DISB_SCHED Package

Package specification	rfkb_dflt_dsched0.sql
Package body	rfkb_dflt_dsched1.sql

RB_DFLT_DISB_SCHED_RULES Package

Package specification	rfkb_dflt_dsched_r0.sql
Package body	rfkb_dflt_dsched_r1.sql

RB_DFLT_DISB_SCHED_STRINGS Package

Package specification	rfkb_dflt_dsched_s0.sql
Package body	rfkb_dflt_dsched_s1.sql

RB_ENRL_OPTIONS API

The Enrollment Options API (RB_ENRL_OPTIONS) is based on the Enrollment Options by Period Table (RPRDATE). The Enrollment Options API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRDATE Package

Package specification	rpkd_rprdate0.sql
Package body	rpkd_rprdate1.sql

RB_ENRL_OPTIONS Package

Package specification	rpkb_enrl_options0.sql
Package body	rpkb_enrl_options1.sql

RB_ENRL_OPTIONS_RULES Package

Package specification	rpkb_enrl_options_r0.sql
Package body	rpkb_enrl_options_r1.sql

RB_ENRL_OPTIONS_STRINGS Package

Package specification	rpkb_enrl_options_s0.sql
Package body	rpkb_enrl_options_s1.sql

RB_FUND_AWARD_SCHED API

The Fund Award Schedule Rules API (RB_FUND_AWARD_SCHED) is based on the Fund Award Schedule Rules Table (RFRASCH). The Fund Award Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RFRASCH Package

Package specification	rfkd_rfrasch0.sql
Package body	rfkd_rfrasch1.sql

RB_FUND_AWARD_SCHED Package

Package specification	rfkb_fund_asched0.sql
Package body	rfkb_fund_asched1.sql

RB_FUND_AWARD_SCHED Package

Package specification	rfkb_fund_asched_r0.sql
Package body	rfkb_fund_asched_r1.sql

RB_FUND_AWARD_SCHED_STRINGS Package

Package specification	rfkb_fund_asched_s0.sql
Package body	rfkb_fund_asched_s1.sql

RB_FUND_DISB_SCHED API

The Fund Disbursement Schedule Rules API (RB_FUND_DISB_SCHED) is based on the Fund Disbursement Schedule Rules Table (RFRDSCH). The Fund Disbursement Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RFRDSCH Package

Package specification	rfkd_rfrdsch0.sql
Package body	rfkd_rfrdsch1.sql

RB_FUND_DISB_SCHED Package

Package specification	rfkb_fund_dsched0.sql
Package body	rfkb_fund_dsched1.sql

RB_FUND_DISB_SCHED_RULES Package

Package specification	rfkb_fund_dsched_r0.sql
Package body	rfkb_fund_dsched_r1.sql

RB_FUND_DISB_SCHED_STRINGS Package

Package specification	rfkb_fund_dsched_s0.sql
Package body	rfkb_fund_dsched_s1.sql

RB_FUND_DISB_LOCK API

The Fund Disbursement Lock API (RB_FUND_DISB_LOCK) is based on the Fund Disbursement Lock Rules Table (RFRDLCK). The Fund Disbursement Lock API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RFRDLCK Package

Package specification	rfkd_rfrdlck0.sql
Package body	rfkd_rfrdlck1.sql

RB_FUND_DISB_LOCK Package

Package specification	rfkb_fund_dlock0.sql
Package body	rfkb_fund_dlock1.sql

RB_FUND_DISB_LOCK_RULES Package

Package specification	rfkb_fund_dlock_r0.sql
Package body	rfkb_fund_dlock_r1.sql

RB_FUND_DISB_LOCK_STRINGS Package

Package specification	rfkb_fund_dlock_s0.sql
Package body	rfkb_fund_dlock_s1.sql

RB_LOAN_DISBURSEMENT API

The Loan Disbursement API (RB_LOAN_DISBURSEMENT) is based on the Loan Disbursement Table (RPRLADB). The Loan Disbursement API will be a shell of an API. It will allow the processing of periods and terms to be done in the API and not in the individual processes.

Note

This API is designed to support Banner internal processing and is not recommended or supported for use with external or third party systems. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRLADB Package

Package specification	rpkd_rprladb0.sql
Package body	rpkd_rprladb1.sql

RB_LOAN_DISBURSEMENT Package

Package specification	rpkb_loan_disb0.sql
Package body	rpkb_loan_disb1.sql

RB_LOAN_DISBURSEMENT_STRINGS Package

Package specification	rpkb_loan_disb_s0.sql
Package body	rpkb_loan_disb_s1.sql

RB_LOAN_SCHEDULE API

The Loan Schedule API (RB_LOAN_SCHEDULE) is based on the Loan Schedule Table (RPRLATR). The Loan Schedule API will be a shell of an API. It will allow the processing of periods and terms to be done in the API and not in the individual processes.

Note

Please be advised that this API is currently intended to only support internal operations. To ensure data integrity, this API is not supported when called by external applications or interfaces to manipulate data. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRLATR Package

Package specification	rpkd_rprlattr0.sql
Package body	rpkd_rprlattr1.sql

RB_LOAN_SCHEDULE Package

Package specification	rpkb_loan_sched0.sql
Package body	rpkb_loan_sched1.sql

RB_LOAN_SCHEDULE_STRINGS Package

Package specification	rpkb_loan_sched_s0.sql
Package body	rpkb_loan_sched_s1.sql

RB_LPRD_SCHED_RULES API

The Loan Period Schedule Rules API (RB_LPRD_SCHED_RULES) is based on the Loan Period / Loan Schedule Rules Table (RPRLTRM). The Loan Period Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

Please be advised that this API is currently intended to only support internal operations. To ensure data integrity, this API is not supported when called by external applications or interfaces to manipulate data. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRLTRM Package

Package specification	rpkd_rprltrm0.sql
Package body	rpkd_rprltrm1.sql

RB_LPRD_SCHED_RULES Package

Package specification	rpkb_lprd_rules0.sql
Package body	rpkb_lprd_rules1.sql

RB_LPRD_SCHED_RULES_RULES Package

Package specification	rpkb_lprd_rules_r0.sql
Package body	rpkb_lprd_rules_r1.sql

RB_LPRD_SCHED_RULES_STRINGS Package

Package specification	rpkb_lprd_rules_s0.sql
Package body	rpkb_lprd_rules_s1.sql

RB_LPRD_DISB_RULES API

The Loan Period Disbursement Schedule Rules API (RB_LPRD_DISB_RULES) is based on the Loan Period / Disbursement Schedule Rules Table (RPRLDSB). The Loan Period Disbursement Schedule Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

Please be advised that this API is currently intended to only support internal operations. To ensure data integrity, this API is not supported when called by external applications or interfaces to manipulate data. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RPRLDSB Package

Package specification	rpkd_rprldsb0.sql
Package body	rpkd_rprldsb1.sql

RB_LPRD_DISB_RULES Package

Package specification	rpkb_lprd_drules0.sql
Package body	rpkb_lprd_drules1.sql

RB_LPRD_DISB_RULES_RULES Package

Package specification	rpkb_lprd_drules_r0.sql
Package body	rpkb_lprd_dsb_rules_r1.sql

RB_LPRD_DISB_RULES_STRINGS Package

Package specification	rpkb_lprd_drules_s0.sql
Package body	rpkb_lprd_dsb_rules_s1.sql

RB_PERIOD_API API

The Period API (RB_PERIOD) is based on the Period Base Table (ROBPRDS). The Period API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

Please be advised that this API is currently intended to only support internal operations. To ensure data integrity, this API is not supported when called by external applications or interfaces to manipulate data. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_ROBPRDS Package

Package specification	rok_d_robprds0.sql
Package body	rok_d_robprds1.sql

RB_PERIOD Package

Package specification	rok_b_period0.sql
Package body	rok_b_period1.sql

RB_PERIOD_TERM Package

Package specification	rok_b_period_r0.sql
Package body	rok_b_period_r1.sql

RB_PERIOD_STRINGS Package

Package specification	rok_b_period_s0.sql
Package body	rok_b_period_s1.sql

RB_PERIOD_TERM API

The Period Rules API (RB_PERIOD_TERM) is based on the Period Rules Table (RORPRDS). The Period Rules API defines the columns which exist in the table and the edits which exist on each of the columns.

Note

Please be advised that this API is currently intended to only support internal operations. To ensure data integrity, this API is not supported when called by external applications or interfaces to manipulate data. The recommendation for external applications is to use message level integration to integrate with this entity in Banner. ■

DML_RORPRDS Package

Package specification	rok_d_rorprds0.sql
Package body	rok_d_rorprds1.sql

RB_PERIOD_TERM Package

Package specification	rok_b_period_term0.sql
Package body	rok_b_period_term1.sql

RB_PERIOD_TERM_RULES Package

Package specification	rok_b_period_term_r0.sql
Package body	rok_b_period_term_r1.sql

RB_PERIOD_TERM_STRINGS Package

Package specification	rok_b_period_term_s0.sql
Package body	rok_b_period_term_s1.sql

RFKASCH Package

Package specification	rfkasch0.sql
Package body	rfkasch1.sql

This package is used by the Fund Award and Disbursement Schedule Rules (RFRASCH) form. The package performs the final edits on the Award Schedule and the Disbursement Schedule. It also supports the new buttons which Default or Delete the Award Schedule and the Disbursement Schedule.

RFKDEFA Package

Package specification	rfkdefa0.sql
Package body	rfkdefa1.sql

This package is used by the Default Award and Disbursement Schedule Rules (RFRDEFA) form. The package performs the final edits on the Award Schedule and the Disbursement Schedule. It also supports the new buttons which Default or Delete the Award Schedule and the Disbursement Schedule.

ROKMISC_PERIOD Package

Package specification	rokmisc_period0.sql
Package body	rokmisc_period1.sql

- F_CALC_ATTEND_STUD_ADJ_HRS - Calculates the student's attending adjusted hours for a period.
- F_CALC_ATTEND_STUD_BILL_HRS - Calculates the student's attending billing hours for a period.
- F_CALC_ATTEND_STUD_CREDIT_HRS - Calculates the student's attending credit hours for a period.
- F_CALC_DISB_ATTEND_ADJ_HRS - Calculates the student's attending adjusted hours for a period to be used for disbursement.
- F_CALC_DISB_ATTEND_BILL_HRS - Calculates the student's attending billing hours for a period to be used for disbursement.
- F_CALC_DISB_ADJ_HRS - Calculates the student's adjusted hours for a period to be used for disbursement.
- F_CALC_DISB_BILL_HRS - Calculates the student's billing hours for a period to be used for disbursement.

- F_CALC_EARNED_HOURS - Calculates the student's earned hours for a period.
- F_CALC_FA_ADJ_HRS - Calculates the student's financial aid adjusted hours for a period.
- F_CALC_FA_BILL_HRS - Calculates the student's financial aid billing hours for a period.
- F_CALC_FA_CREDIT_HRS - Calculates the student's financial aid credit hours for a period.
- F_CALC_STUD_ADJ_HRS - Calculates the student's adjusted hours for a period.
- F_CALC_STUD_BILL_HRS - Calculates the student's billing hours for a period.
- F_CALC_STUD_CREDIT_HRS - Calculates the student's credit hours for a period.
- F_GET_FA_FIRST_ATTEND_DATE - Finds the student's first attendance date for financial aid for a period.
- F_GET_OLR_COURSE_EXISTS - Finds whether the student is enrolled in open learning courses.
- F_GET_STUD_FIRST_ATTEND_DATE - Finds the student's first attendance date for a period.
- P_DISP_PERIOD_ATTEND_FA_HRS - Returns the financial aid attending hours for a period to be used by ROAENRL.
- P_GET_FA_PERIOD_ATTEND_DATA - Returns a REF CURSOR of periods and attending dates for financial aid hours to be used by ROAENRL.
- P_GET_STUD_PERIOD_ATTEND_DATA - Returns a REF CURSOR of periods and attending dates for student hours to be used by ROAENRL.
- P_RESCHED_FUND_TERM_DISBURSE - Reschedules a student's disbursement schedule for a fund for a period.
- P_RESCHED_FUND_YEAR_DISBURSE - Reschedules a student's disbursement schedule for a fund for all periods in an aid year.
- P_RESCHED_TERM_DISBURSE - Reschedules a student's disbursement schedule for a period.
- P_RESCHED_YEAR_DISBURSE - Reschedules a student's disbursement schedule for all periods in an aid year.

ROK_PERIOD Package

Package specification	rok_period0.sql
Package body	rok_period1.sql

This package is used by the Periods Base Data (RORPRDS) form. The package performs the final edits on the Base Data and the Period Rules.

RPKLTRM Package

Package specification	rpkltrm0.sql
Package body	rpkltrm1.sql

This package is used by the Loan Period Base Data (RPRLPRD) form. The package performs the final edits on the Loan Schedule Rules and the Disbursement Schedule Rules.

Changed Packages, Procedures, and Functions

The following program objects have been changed to support the Banner Financial Aid 8.9 release:

F_ALL_DISB (rofalld.sql) Function

This function was modified to replace `TERM_CODE (RPRLADB_TERM_CODE)` with `PERIOD (RPRLADB_PERIOD)` in the parameter list.

F_DISB_TOT (rofdisb.sql) Function

This function was modified to replace `TERM_CODE (RPRLADB_TERM_CODE)` with `PERIOD (RPRLADB_PERIOD)` in the parameter list.

F_EST_LOAN (rofesln.sql) Function

This function was modified to replace `TERM_CODE (RPRLADB_TERM_CODE)` with `PERIOD (RPRLADB_PERIOD)` in the parameter list.

F_GET_PKG_LOAD_IND (rpfload.sql) Function

This function was modified to replace `TERM_CODE (RPRATRM_TERM_CODE)` with `PERIOD (RPRATRM_PERIOD)` in the parameter list.

F_PEND_TOT (rofpend.sql) Function

This function was modified to replace `TERM_CODE (RPRLADB_TERM_CODE)` with `PERIOD (RPRLADB_PERIOD)` in the parameter list.

F_SERV_NET (rofserv.sql) Function

This function was modified to replace `TERM_CODE (RPRLADB_TERM_CODE)` with `PERIOD (RPRLADB_PERIOD)` in the parameter list.

RAKATHL Package

This package has been modified to:

- Replace RAASPTM_TERM_CODE with RAASPTM_PERIOD.
- Replace RARAWD_TERM_CODE with RARAWD_PERIOD.
- Add RARACEX_PERIOD when processing Financial Aid Athletic Contracts and Exemptions.
- Add RARARSC_PERIOD when processing Financial Aid Athletic Resources.

RB_APPLICANT_HOLDS_API

The API has been modified to:

- Add RORHOLD_PERIOD.
- Allow processing to continue if only a TERM_CODE parameter is used by defaulting the new PERIOD parameter to TERM_CODE.
- Populate the RORHOLD_TERM_CODE column based on the period (RORPRDS_AR_IND = 'Y').

RB_APPLICANT_STATUS_API

The API has been modified to:

- Add an edit to ensure that a term code associated with the aid period does not exist in another aid period for the applicant. A term can only exist in one aid period for an applicant.
- The edit that an Aid Period Code may not be a Pell Crossover Aid Period has been removed.

RB_AWARD_DISBURSEMENT_API

The API has been modified to:

- Add RPRADSB_PERIOD.
- Allow processing to continue if only a TERM_CODE parameter is used by defaulting the new PERIOD parameter to TERM_CODE.
- Populate the RPRADSB_TERM_CODE column based on the period (RORPRDS_AR_IND = 'Y').

RB_AWARD_SCHEDULE API

The API has been modified to:

- Add RPRATRM_PERIOD.
- Allow processing to continue if only a TERM_CODE parameter is used by defaulting the new PERIOD parameter to TERM_CODE.
- Populate the RPRATRM_TERM_CODE column based on the period (RORPRDS_AR_IND = 'Y').

RB_FA_ATH_AWARDS API

The API has been modified to:

- Replace RARAARD_TERM_CODE with RPRATRM_PERIOD.

RB_FA_ATH_CONT_EXEMPT API

The API has been modified to:

- Add RARACEX_PERIOD.

RB_FA_ATH_RESOURCES API

The API has been modified to:

- Add RARARSC_PERIOD.

RB_FA_SPRT_TERM API

The API has been modified to:

- Replace RARSPTM_TERM_CODE with RARSPTM_PERIOD.

RB_PROMISSORY_NOTE API

The API has been modified to:

- Add RFRPROM_PERIOD.
- Allow processing to continue if only a TERM_CODE parameter is used by defaulting the new PERIOD parameter to TERM_CODE.
- Populate the RFRPROM_TERM_CODE column based on the period (RORPRDS_AR_IND = 'Y').

RB_REQUIREMENT API

The API has been modified to:

- Add RRRAREQ_PERIOD.
- Allow processing to continue if only a TERM_CODE parameter is used by defaulting the new PERIOD parameter to TERM_CODE.
- Populate the RRRAREQ_TERM_CODE column based on the period (RORPRDS_AR_IND = 'Y').

RNKNEED Package

Package specification	rnkneed.sql
Package body	rnkneed1.sql

This package has been changed to include the following modifications:

The F_CALC_EXEMPTIONS function has been modified:

- The calc_exemption_amt_c and the check_exemption_amt_c cursors have been changed to use the terms associated with the periods (RORPRDS) associated with the aid period (RORTPRD) associated with the applicant status (RORSTAT).

Note

The gross need calculation is affected by this change. Prior to this change, if an exemption existed within Banner Accounts Receivable for a term that was not in the student's aid period, that exemption would be included in the resource amount used to calculate gross need. Changes made for this release will not include the exemption in the resource amount. The exemption will not be used in the calculation of gross need. ■

The F_CALC_CONTRACTS function has been modified for this release:

- The calc_contract_amt_c and the check_contract_amt_c cursors have been changed to use the terms associated with the periods (RORPRDS) associated with the aid period (RORTPRD) associated with the applicant status (RORSTAT).

Note

The gross need calculation is affected by this change. Prior to this change, if an exemption existed within Banner Accounts Receivable for a term that was not in the student's aid period, that exemption would be included in the resource amount used to calculate gross need. Changes made for this release will not include the exemption in the resource amount. The exemption will not be used in the calculation of gross need. ■

The F_CALC_OTH_RESOURCE function has been modified for this release:

- The calc_resource_amt_c and check_resource_amt_c cursors have been changed to SUM RPRARSC rows where RPRARSC_TERM_CODE is null OR RPRARSC_TERM_CODE is equal to a term associated with the periods (RORPRDS) associated with the aid period (RORTPRD) associated with the applicant status (RORSTAT).

 **Note**

The gross need calculation is affected by this change. Prior to this change, if an exemption existed within Banner Accounts Receivable for a term that was not in the student's aid period, that exemption would be included in the resource amount used to calculate gross need. Changes made for this release will not include the exemption in the resource amount. The exemption will not be used in the calculation of gross need. ■

The F_CALC_ACT_REDUCE_NEED_AMT function has been modified for this release:

- Replace RPRATRM_TERM_CODE with RPRATRM_PERIOD.
- Replace RORTPRD_TERM_CODE with RORTPRD_PERIOD.
- Replace RPRCRSS_TERM_CODE with ROBPRDS_PERIOD.
- Replace RPRCRSS_AIDY_CODE_CROSS with ROBPRDS_AIDY_CODE_CROSS.

The following new functions were added to display totals for resources, contracts, and exemption for the aid year on the Resource Maintenance (RPAARSC) form:

- F_CALC_YEAR_OTH_RESOURCE
- F_CALC_YEAR_EXEMPTIONS
- F_CALC_YEAR_CONTRACTS

A new procedure (p_get_crossover_data) was added to display the Crossover Pell Award and Crossover Aid Year on forms.

 **Note**

Cross over periods are now allowed for any funds. ■

ROKPVAL Package

Package specification	rokpval.sql
Package body	rokpval1.sql

This package has been modified for validation of periods and term codes. The validation for various processes has been modified to allow for crossover periods.

ROKREFC Package

Package specification	rokrefc.sql
Package body	rokrefc1.sql

This package has been changed to:

- Modify the P_GET_ARSC_DATA procedure
 - Use ROBPRDS and RORPRDS to find all terms within an aid year.

ROKWFLB Package

Package specification	rokwflb.sql
Package body	rokwflb1.sql

The following new functions were added to be used as replacements for existing functions:

New Function	Existing Function
F_PERIOD_CURRENT_AIDY_AWARD	F_CHECK_CURRENT_AIDY_AWARD
F_PERIOD_UNPROCESSED_AID	F_CHECK_UNPROCESSED_AID
F_PERIOD_UNPAID_AWARDS	F_CHECK_UNPAID_AWARDS
F_PERIOD_FUTURE_TERM_DISBURSED	F_CHECK_FUTURE_TERM_DISBURSED
F_PERIOD_TITLEIV_LOANS	F_CHECK_TITLEIV_LOANS
F_CHECK_END_OF_PERIOD	F_CHECK_END_OF_TERM

RP_APPLICANT_HOLDS API

PERIOD has been added to the API. The API has been modified to recognize the term code as a period.

Note

If you are using the API in an institutional process and enter a term code, the process assumes that the term code is the period, unless a period was entered. ■

RP_APPLICANT_STATUS API

This API has been changed to include the following modifications:

- The P_TERM_CODE is replaced with P_PERIOD for all calls to rb_requirement.

Note

RORSAPR and GURMAIL processing will not be modified for this release. ■

RP_AWARD API

Miscellaneous clean-up was done.

RP_AWARD_SCHEDULE API

PERIOD has been added to the API. The API has been modified to recognize the term code as a period.

Note

If you are using the API in an institutional process and enter a term code, the process assumes that the term code is the period, unless a period was entered. ■

RP_REQUIREMENT API

PERIOD has been added to the API. The API has been modified to recognize the term code as a period.

Note

If you are using the API in an institutional process and enter a term code, the process assumes that the term code is the period, unless a period was entered. ■

RPK_COMMON_VALIDATION Package

This package has been changed to:

- Modify the F_VAL_RULES function:
 - P_PERIOD was added as a parameter with a DEFAULT NULL
 - Substitution logic for P_PERIOD was added.

RPKLOAD Package

This package has been changed to:

- Modify the TermLoadRecType type:
- Modify the P_GET_LOAD_FROM_HOURS procedure:
 - The following procedures are used to get hours:
 - rokmisc_period.f_calc_disb_bill_hrs
 - rokmisc_period.f_calc_disb_attend_bill_hrs
 - rokmisc_period.f_calc_disb_adj_hrs0-1
 - rokmisc_period.f_calc_disb_attend_adj_hrs
 - **Replace** rokmisc.f_calc_stud_bill_hrs **with** rokmisc_period.f_calc_stud_bill_hrs.
 - **Replace** rokmisc.f_calc_attend_fa_bill_hrs **with** rokmisc_period.f_calc_attend_fa_bill_hrs.
 - **Replace** rokmisc.f_calc_attend_stud_bill_hrs **with** rokmisc_period.f_calc_attend_stud_bill_hrs.
 - **Replace** rokmisc.f_calc_stud_adj_hrs **with** rokmisc_period.f_calc_stud_adj_hrs.
 - **Replace** rokmisc.f_calc_attend_fa_adj_hrs **with** rokmisc_period.f_calc_attend_fa_adj_hrs.
 - **Replace** rokmisc.f_calc_attend_stud_adj_hrs **with** rokmisc_period.f_calc_attend_stud_adj_hrs.
 - **Replace** P_TERM_CODE **with** P_PERIOD.
 - **Replace** P_TERM_CODE **with** P_PERIOD.
 - **Replace** RPRATRM_TERM_CODE **with** RPRATRM_PERIOD.
- Modify the P_CALCULATE_LOAD procedure:
 - **Replace** P_TERM_CODE **with** P_PERIOD.
 - **Added** P_FUND_CODE **to the parameter list.**
 - **Replace** RPRATRM_TERM_CODE **with** RPRATRM_PERIOD.
 - **The MISSING_TERM_CODE error has been modified.**

Other Changed Packages, Procedures, and Functions

Additionally, other Banner Financial Aid packages, procedures, and functions have been modified to accommodate the shift to PERIODS. Common changes include:

- Replace RFRASCH_TERM_CODE with RFRASCH_PERIOD.
- Replace RFRDEFA_TERM_CODE with RFRDEFA_PERIOD.
- Replace RFRDEFD_TERM_CODE with RFRDEFD_PERIOD.
- Replace RFRDLCK_TERM_CODE with RFRDLCK_PERIOD.
- Replace RFRDSCH_TERM_CODE with RFRDSCH_PERIOD.
- Replace RFRPROM_TERM_CODE with RFRPROM_PERIOD.
- Replace RORCRHR_TERM_CODE with RORCRHR_PERIOD.
- Replace RORHOLD_TERM_CODE with RORHOLD_PERIOD.
- Replace RORTPRD_TERM_CODE with RORTPRD_PERIOD.
- Replace RPRADSB_TERM_CODE with RPRADSB_PERIOD.
- Replace RPRATRM_TERM_CODE with RPRATRM_PERIOD.
- Replace RPRAUTH_TERM_CODE with RPRAUTH_PERIOD.
- Replace RPRBAKO_TERM_CODE with RPRBAKO_PERIOD.
- Replace RPRDATE_TERM_CODE with RPRDATE_PERIOD.
- Replace RPRLADB_TERM_CODE with RPRLADB_PERIOD.
- Replace RPRLATR_TERM_CODE with RPRLATR_PERIOD.
- Replace RPRLDSB_TERM_CODE with RPRLDSB_PERIOD.
- Replace RPRLTRM_TERM_CODE with RPRLTRM_PERIOD.
- Replace RPRSLT_TERM_CODE with RPRSLT_PERIOD.
- Replace RRRAREQ_TERM_CODE with RRRAREQ_PERIOD.

Ordering will use ROBPRDS_SEQ_NO not table_PERIOD.

In calls to existing APIs, TERM_CODE has been replaced with PERIOD.

Selecting student (SGBSTDN) data has been changed to use the TERM_CODE returned by rb_period_term.f_get_student_term.

Selecting SAP data has been changed to use the `TERM_CODE` returned by `rb_period_term.f_get_sap_term`.

The following other Release 8.9 packages, procedures, and functions have been modified to accommodate the shift to PERIODS:

- REKCE10 Package
- REKCE11 Package
- REKCI10 Package
- REKCI11 Package
- REKCI3C0 Package
- REKOR10 Package
- REKOR11 Package
- ROK_ARCHIVE_DATA Package
- ROKDRCT Package
- ROKFUNC Package
- ROKHOLD Package
- ROKMISC Package
- ROKPELL Package
- RPK_AWARD_VALIDATION Package
- RPK_DISB_VALIDATION Package
- RPK_DISB_VALIDATION_US Package
- RPK_GRANT_CALC Package
- RPKAFRM Package
- RPKATRM Package
- RPKAWRD Package
- RPKLOAN Package
- RPKAREQ Package
- RSKMISC Package

New Database Triggers

Each of the following triggers was created to maintain the User ID and activity date for the table. These triggers will be owned by FAISMGR not by BANINST1.

- RT_ROBPRDS_USERACTIVIT_INSUPD (rotbprds0.sql)
- RT_RORPRDS_USERACTIVIT_INSUPD (rotrprds0.sql)

Each of the following triggers was created to perform logging. These triggers will be owned by FAISMGR not by BANINST1.

- RT_ROBPRDS_LOG_INSUPDDTL (rotbprds9.sql)
- RT_RORPRDS_LOG_INSUPDDTL (rotrprds9.sql)

Changed Database Triggers

Each of the following triggers has been modified to add period to logging for the table. These triggers will be owned by FAISMGR not by BANINST1.

- RT_RARAAWD_LOG_INSUPDDTL (rataawd9.sql)
- RT_RARACEX_LOG_INSUPDDTL (ratacex9.sql)
- RT_RARARSC_LOG_INSUPDDTL (ratarsc9.sql)
- RT_RARSPTM_LOG_INSUPDDTL (ratsptm9.sql)
- RT_RFRASCH_LOG_INSUPDDTL (rftasch9.sql)
- RT_RFRDEFA_LOG_INSUPDDTL (rftdefa9.sql)
- RT_RFRDEFD_LOG_INSUPDDTL (rftdefd9.sql)
- RT_RFRDLCK_LOG_INSUPDDTL (rftdlck9.sql)
- RT_RFRDSCH_LOG_INSUPDDTL (rftdsch9.sql)
- RT_RFRPROM_LOG_INSUPDDTL (rftprom9.sql)
- RT_RJRSEWH_LOG_INSUPDDTL (rjtsewh9.sql)
- RT_RORCRHR_LOG_INSUPDDTL (rotcrhr9.sql)
- RT_RORHOLD_LOG_INSUPDDTL (rothold9.sql)
- RT_RORPOST_LOG_INSUPDDTL (rotpost9.sql)
- RT_RORTPRD_LOG_INSUPDDTL (rottprd9.sql)
- RT_RPRADSB_LOG_INSUPDDTL (rptadsb9.sql)

- RT_RPRATRM_LOG_INSUPDDTL (rptatrm9.sql)
- RT_RPRAUTH_LOG_INSUPDDTL (rptauth9.sql)
- RT_RPRDATE_LOG_INSUPDDTL (rptdate9.sql)
- RT_RPRLADB_LOG_INSUPDDTL (rptladb9.sql)
- RT_RPRLATR_LOG_INSUPDDTL (rptlatr9.sql)
- RT_RPRLDSB_LOG_INSUPDDTL (rptlds9.sql)
- RT_RPRLTRM_LOG_INSUPDDTL (rptlrm9.sql)
- RT_RPRSLT_LOG_INSUPDDTL (rptrslt9.sql)
- RT_RRRAREQ_LOG_INSUPDDTL (rrtareq9.sql)

The RT_RFRASPC_LOG_INSUPDDTL (rftaspc9.sql) trigger has been modified to add the new columns for logging:

- RFRASPC_DISB_NO_DAYS

The RT_ROBINST_LOG_INSUPDDTL (rotinst9.sql) trigger has been modified to add the new columns for logging:

- ROBINST_CURRENT_PERIOD
- ROBINST_PERIOD_ENABLED

The RT_RTVPTYP_LOG_INSUPDDTL (rttptyp9.sql) trigger has been modified to add the new column for logging:

- RTVPTYP_PERIOD_REQ_IND

New Views

The following new views have been added to join the Period Base (ROBPRDS) Table to the base table so that the period sequence number is available when using the view to display information via forms:

- RFVASCH_PRDS - Fund Award Schedule Rules Period View
- RFVDEFA_PRDS - Default Award Schedule Rules Period View
- RFVDEFD_PRD - Default Disbursement Schedule Rules Period View
- RFVDLCK_PRD - Fund Disbursement Lock Rules Period View
- RFVDSCH_PRD - Fund Disbursement Schedule Rules Period View
- RFVPROM_PRD - Promissory Note Requirement Period View
- ROVCRHR_PRD - Credit Hours Period View
- ROVTPRD_PRD - Aid Period/Enrollment Period View
- RPVADSB_PRD - Applicant Award Disbursement Period View
- RPVATRM_PRD - Applicant Award Schedule Period View
- RPVDATE_PRDS - Enrollment Options by Enrollment Period View
- RPVLADB_PRDS - Loan Disbursement Period View
- RPVLATR_PRDS - Loan Schedule Period View
- RPVLDSB_PRDS - Loan Period / Disbursement Schedule Rules Period View
- RPVLTRM_PRDS - Loan Period / Loan Schedule Rules Period View
- RRVAREQ_PRDS - Applicant Requirements Period View

A comment on the view and comments on each column in the view have been added.

Changed Views

The following views have been updated to support the Banner Financial Aid 8.9 release:

AR_AWARD_DETAIL_BY_TERM

Scripts

- RPVAWT0.SQL
- RPVAWT1.SQL
- RPVAWT2.SQL

RPRATRM_PERIOD has also been added for this release.

The following column comments have been updated for this release:

Column Name	Comment
PERIOD_KEY	PERIOD: The period to be associated with information in this record.

AR_FINAID_APPLICANT

Scripts

- RCVAPL0.SQL
- RCVAPL1.SQL
- RCVAPL2.SQL

RRRAREQ_PERIOD has also been added for each requirement included in the view.

The following column comments have been updated for the view:

Column Name	Comment
REQUIREMENT_TERM_DESC1	TERM DESCRIPTION - FIRST OCCURRENCE: The description of the term code associated with the requirement.
REQUIREMENT_PERIOD1	PERIOD - FIRST OCCURRENCE: The period associated with the requirement.

Column Name	Comment
REQUIREMENT_TERM_DESC2	TERM DESCRIPTION - SECOND OCCURRENCE: The description of the term code associated with the requirement.
REQUIREMENT_PERIOD2	PERIOD - SECOND OCCURRENCE: The period associated with the requirement.
REQUIREMENT_TERM_DESC3	TERM DESCRIPTION - THIRD OCCURRENCE: The description of the term code associated with the requirement.
REQUIREMENT_PERIOD3	PERIOD - THIRD OCCURRENCE: The period associated with the requirement.

AR_FINAID_STUDENT_SUMMARY

Scripts

- ROVSTU0.SQL
- ROVSTU1.SQL
- ROVSTU2.SQL
- ROVSTU3.SQL

RORTPRD_PERIOD has also been added for this release.

AR_TRACKING_REQUIREMENTS

The Banner Reporting top layer view for tracking requirement information for financial aid applicants has been modified for this release:

Scripts

- RRVREQ0.SQL
- RRVREQ1.SQL

RRRAREQ_PERIOD has also been added for this release.

The following column comments have been updated for the view:

Column Name	Comment
TERM_CODE	TERM CODE: The term code associated with the requirement.
TERM_DESC	TERM DESCRIPTION: The description of the term code associated with the requirement.
PERIOD	PERIOD: The period associated with the requirement.

RAVSPTM

The view was modified to return all columns in the Financial Aid Sport by Period (RARSPTM) Table plus the Period Base (ROBPRDS) Table was joined to return the ROBPRDS_SEQ_NO.

The following comment on the table was modified for this release:

- Financial Aid Sport by Period View

The following column comments have been updated for this release:

Column Name	Comment
RAVSPTM_PERIOD	PERIOD: The period associated with the student sport record.
RAVSPTM_PRDS_SEQ_NO	PERIOD SEQUENCE NUMBER: The relative order of the period.
RAVSPTM_ATHL_AID_TERM_AMT	ATHLETIC AID TERM AMOUNT: The total amount of athletic aid actually awarded for the period.
RAVSPTM_TERM_PCT	TERM PERCENT: The percentage of the full potential athletic grant amount which has been awarded in this period.
RAVSPTM_TERM_COUNT	TERMS OF AID: The number of regular periods in which the student has received athletic aid.
RARSPTM_SUMMER_TERM_COUNT	TERMS OF SUMMER AID: The number of summer periods in which the student has received athletic aid.
RAVSPTM_USER_ID	USER ID: The user ID of the person who inserted or last updated this record.
RAVSPTM_ACTIVITY_DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
RAVSPTM_DATA_ORIGIN	DATA ORIGIN: Source system that created or updated the data.

Other Changed Views

The following views have been modified to replace STVTERM with ROBPRDS:

- ROVA210
- ROVA211
- ROVAM10
- ROVAM11
- ROVAY10
- ROVAY11

RPVATRM

The following views, which support Letter Generation, have been modified to replace TERM_CODE with PERIOD:

- RPVTERM
- RPVATRM

Comments on columns have also been modified, accordingly.

RPVFTRM

The Fund Award Period View has been modified for this release:

- RPRATRM_PERIOD and ROBPRDS_SEQ_NO have been added.

The following comment on the table was modified for this release:

- Fund Award Period Inquiry View

The following column comments have been updated for this release:

Column Name	Comment
RPVFTRM_PERIOD	PERIOD: The period associated with the award schedule.
RPVFTRM_PRDS_SEQ_NO	PERIOD SEQUENCE NUMBER: The relative order of the period.
RPVFTRM_OFFER_AMT	OFFERED AMOUNT: The offered dollar amount of the award for this period.

Column Name	Comment
RFVFTRM_ACCEPT_AMT	ACCEPTED AMOUNT: The accepted dollar amount of the award for this period.
RFVFTRM_DECLINE_AMT	DECLINED AMOUNT: The declined dollar amount of the award for this period.
RFVFTRM_CANCEL_AMT	CANCELLED AMOUNT: The cancelled dollar amount of the award for this period.
RFVFTRM_AUTHORIZE_AMT	AUTHORIZED AMOUNT: The authorized dollar amount of the award for this period.
RFVFTRM_MEMO_AMT	MEMOED AMOUNT: The memo dollar amount of the award for this period.
RFVFTRM_PAID_AMT	PAID AMOUNT: The paid dollar amount of the award for this period.

Obsolete Objects

The following is a list of objects that have become obsolete as a result of this enhancement:

DBPROCS

rokb_temp_acad_prg0.sql	RB_TEMP_ACAD_PROGRESS API
rokb_temp_acad_prg1.sql	RB_TEMP_ACAD_PROGRESS API
rokb_temp_acad_prg_s0.sql	RB_TEMP_ACAD_PROGRESS API
rokb_temp_acad_prg_s1.sql	RB_TEMP_ACAD_PROGRESS API

Note

The RB_TEMP_ACAD_PROGRESS API was added for the Early Decision Release. The RP_APPLICANT_STATUS API is responsible for adding the appropriate satisfactory academic process record in Banner 8x. ■

rofexpl.sql	f_exp_loan
rpkd_rprcrss0.sql	RB_CROSS_TERM API
rpkd_rprcrss1.sql	RB_CROSS_TERM API
rpkb_cross_term0.sql	RB_CROSS_TERM API
rpkb_cross_term1.sql	RB_CROSS_TERM API
rpkb_cross_term_r0.sql	RB_CROSS_TERM API
rpkb_cross_term_r1.sql	RB_CROSS_TERM API
rpkb_cross_term_s0.sql	RB_CROSS_TERM API
rpkb_cross_term_s1.sql	RB_CROSS_TERM API
rptcrss9.sql	RPRCRSS logging trigger
rptcrss0.sql	RPRCRSS activity date user id trigger

Required Data

The following sections outline the required data in the Banner Financial Aid 8.9 release:

Letter Generation Variable Rules Definitions

The following variables have been updated to use the PERIOD rather than TERM_CODE:

- *TERM01_AMT
- *TERM02_AMT
- *TERM03_AMT
- *TOT_AWARD_AMT
- *TERM01_DESC
- *TERM02_DESC
- *TERM03_DESC
- *AWARD_DESC
- *AWARD_DESC_LONG
- *AWARD_REQ_DESC_NULL_TERM
- *AWARD_REQ_DESC_WITH_TERM

*TERM01_AMT

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM01_AMT

Variable Description
First Term Award Amounts Type: RORVIEW

Definition
Sequence: 1 of 1
Select: TO_CHAR(SUM(RPVATRM_OFFER_AMT), '999,999.00')
From: RFRBASE,RPVATRM
Order By: RFRBASE_PRINT_SEQ_NO
Group By: RFRBASE_FUND_TITLE,RFRBASE_PRINT_SEQ_NO
Description: First Term Award Amounts

Rules	'('	Data Element	Operator	Value	)'	AND/OR
		RPVATRM_PERIOD	=	&First_Period		AND
		RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		AND
		RPVATRM_AIDY_CODE	=	&aid_year_code		

** Press COUNT HITS for listing of Objects **

*TERM02_AMT

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM02_AMT

Variable Description

Second Term Award Amounts Type: RORVIEW

Definition

Sequence: 1 of 1

Select: TO_CHAR(SUM(RPVATRM_OFFER_AMT),999,999.00')

From: RFRBASE_RPVATRM

Order By: RFRBASE_PRINT_SEQ_NO

Group By: RFRBASE_FUND_TITLE,RFRBASE_PRINT_SEQ_NO

Description: Second Term Award Amounts

Rules

'(	Data Element	Operator	Value	)'	AND/OR
	RPVATRM_PERIOD	=	&Second_Period		AND
	RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		AND
	RPVATRM_AIDY_CODE	=	&aid_year_code		

** Press COUNT HITS for listing of Objects **

*TERM03_AMT

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM03_AMT

Variable Description

Third Term Award Amounts Type: RORVIEW

Definition

Sequence: 1 of 1

Select: TO_CHAR(SUM(RPVATRM_OFFER_AMT),999,999.00')

From: RFRBASE_RPVATRM

Order By: RFRBASE_PRINT_SEQ_NO

Group By: RFRBASE_FUND_TITLE,RFRBASE_PRINT_SEQ_NO

Description: Third Term Award Amounts

Rules

'(	Data Element	Operator	Value	)'	AND/OR
	RPVATRM_PERIOD	=	&Third_Period		AND
	RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		AND
	RPVATRM_AIDY_CODE	=	&aid_year_code		

** Press COUNT HITS for listing of Objects **

*TOT_AWARD_AMT

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TOT_AWARD_AMT

Variable Description

Award Total For All Terms Type: RORVIEW

Definition

Sequence: 1 of 1

Select: TO_CHAR(SUM(NVL(RPVATRM_OFFER_AMT,0)),\$999,990.00')

From: RPVATRM,RFRBASE

Order By: RFRBASE_PRINT_SEQ_NO

Group By: RPVATRM_FUND_CODE,RFRBASE_PRINT_SEQ_NO

Description: Award Total For All Terms

Rules

'('	Data Element	Operator	Value	)'	AND/OR
(	RPVATRM_PERIOD	=	&First_Period		OR
	RPVATRM_PERIOD	=	&Second_Period		OR
	RPVATRM_PERIOD	=	&Third_Period	)	AND
	RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		AND
	RPVATRM_AIDY_CODE	=	&aid_year_code		

** Press COUNT HITS for listing of Objects **

*TERM01_DESC

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM01_DESC

Variable Description

First Term Description Type:

Definition

Sequence: 1 of 1

Select: ROBPRDS_DESC

From: ROBPRDS

Order By:

Group By:

Description: First Period Description

Rules

'('	Data Element	Operator	Value	)'	AND/OR
	ROBPRDS_CODE	=	&First_Period		

*TERM02_DESC

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM02_DESC

Variable Description
Second Term Description Type:

Definition
Sequence: 1 of 1
Select: ROBRPDS_DESC
From: ROBRPDS
Order By:
Group By:
Description: Second Period Description

Rules	'('	Data Element	Operator	Value	)'	AND/OR
		ROBRPDS_CODE	=	&Second_Period		

*TERM03_DESC

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *TERM03_DESC

Variable Description
Third Term Description Type:

Definition
Sequence: 1 of 1
Select: ROBRPDS_DESC
From: ROBRPDS
Order By:
Group By:
Description: Third Period Description

Rules	'('	Data Element	Operator	Value	)'	AND/OR
		ROBRPDS_CODE	=	&Third_Period		

*AWARD_DESC

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *AWARD_DESC

Variable Description
Description For Each Award Type: RORVIEW

Definition
Sequence: 1 of 1
Select: SUBSTR(RFRBASE_FUND_TITLE,1,21)
From: RFRBASE_RPVATRM
Order By: RFRBASE_PRINT_SEQ_NO
Group By: RFRBASE_FUND_TITLE,RFRBASE_PRINT_SEQ_NO
Description: Description For Each Award

Rules	'('	Data Element	Operator	Value	)'	AND/OR
	(	RPVATRM_PERIOD	=	&First_Period		OR
		RPVATRM_PERIOD	=	&Second_Period		OR
		RPVATRM_PERIOD	=	&Third_Period	)	AND
		RPVATRM_AIDY_CODE	=	&aid_year_code		AND
		RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		

*AWARD_DESC_LONG

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *AWARD_DESC_LONG

Variable Description
Long Description For Award Type: RORVIEW

Definition
Sequence: 1 of 1
Select: RFRBASE_FUND_TITLE_LONG
From: RFRBASE_RPVATRM
Order By: RFRBASE_PRINT_SEQ_NO
Group By: RFRBASE_FUND_TITLE_LONG,RFRBASE_PRINT_SEQ_NO
Description: Long Description For Award

Rules	'('	Data Element	Operator	Value	)'	AND/OR
	(	RPVATRM_PERIOD	=	&First_Period		OR
		RPVATRM_PERIOD	=	&Second_Period		OR
		RPVATRM_PERIOD	=	&Third_Period	)	AND
		RPVATRM_AIDY_CODE	=	&aid_year_code		AND
		RPVATRM_FUND_CODE	=	RFRBASE_FUND_CODE		

*AWARD_REQ_DESC_NULL_TERM

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *AWARD_REQ_DESC_NULL_TERM

Variable Description
Req Desc with null term Type: RORVIEW

Definition
Sequence: 1 of 1
Select: NVL(RTVTREQ_LONG_DESC, None)
From: RTVTREQ_RRRAREQ
Order By:
Group By:
Description: Requirement Description for Non Term Req.

Rules

'('	Data Element	Operator	Value	)'	AND/OR
	RRRAREQ_TREQ_CODE	<>	'FAT'		AND
	RRRAREQ_SAT_IND	<>	'Y'		AND
	RRRAREQ_PERIOD	IS NULL			AND
	RRRAREQ_TREQ_CODE	=	RTVTREQ_CODE		AND
	RRRAREQ_AIDY_CODE	=	&aid_year_code		

*AWARD_REQ_DESC_WITH_TERM

Variable Rules Definitions GLRVRBL 8.1 (s10b80)

Application: FINAID
Variable: *AWARD_REQ_DESC_WITH_TERM

Variable Description
Req Desc with term code Type: RORVIEW

Definition
Sequence: 1 of 1
Select: RTVTREQ_LONG_DESC || ' for ' || ROBPRDS_DESC
From: ROBPRDS, RTVTREQ, RRRAREQ
Order By:
Group By: RRRAREQ_TREQ_CODE
Description: Description of Requirement and Period

Rules

'('	Data Element	Operator	Value	)'	AND/OR
	RRRAREQ_TREQ_CODE	<>	'FAT'		AND
	RRRAREQ_SAT_IND	<>	'Y'		AND
	RRRAREQ_PERIOD	IS NOT NULL			AND
	RRRAREQ_TREQ_CODE	=	RTVTREQ_CODE		AND
	RRRAREQ_PERIOD	=	ROBPRDS_PERIOD		AND

The following scripts have been created to make the necessary changes for the letter generation variables:

- RGLRVFRMU_080900.SQL
- RGLRVBBLU_080900.SQL

 **Note**

If variables have been created for additional terms, you will need to make changes to those variables to make use of the PERIOD column. ■

Banner Business Object Table (GURMESG)

RGURMESGI_080900.SQL Script

Generated entries have been added for the following tables:

RFRASCH	Fund Award Schedule Rules Table
RFRDEFA	Default Award Schedule Rules Table
RFRDEFD	Default Disbursement Schedule Rules Table
RFRDLCK	Fund Disbursement Lock Table
RFRDSCH	Fund Disbursement Schedule Rules Table
ROBPRDS	Period Base Table
RORCRHR	Credit Hours Table
RORPRDS	Period Rules Table
RORTRPD	Aid Period/Enrollment Period Table
RPRAUTH	Financial Aid Authorization Table
RPRDATE	Enrollment Options by Enrollment Period Table
RPRLDSB	Loan Period / Disbursement Schedule Rules Table
RPRLTRM	Loan Period / Loan Schedule Rules Table

Logging Control Base Table (ROBLOGC)

ROBLOGCI_080900.SQL Script

The norlogci_080900.sql script has been included to make entries to the Logging Control Base Table (RORLOGC) for the following new tables.

- ROBPRDS - Period Base Data Table
- RORPRDS - Period Rules Table

ROBLOGCU_080900.SQL Script

Table descriptions have been updated for the following tables:

ROBLOGC_TABLE_NAME	ROBLOGC_TABLE_DESC
RARSPTM	Financial Aid Sport by Period Table
RFRDEFA	Default Award Schedule Rules Table
RFRDEFD	Default Disbursement Schedule Rules Table
RORTPRD	Aid Period/Enrollment Period Table
RPRATRM	Applicant Award Schedule Table
RPRDATE	Enrollment Options by Enrollment Period Table
RURLATR	Loan Schedule Table
RURLTRM	Loan Period/Loan Schedule Rules Table

Logging Control Repeating Table (RORLOGC)

RORLOGCI_080900.SQL Script

- RORLOGC_ACTIVITY_DATE = SYSDATE
- RORLOGC_USER_ID = USER

This script has been created to insert entries for the following new period columns:

RORLOGC TABLE NAME	RORLOGC COLUMN NAME	RORLOGC COLUMN DESC	RORLOGC LOG IND
RARAAWD	RARAAWD_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RARAAWD_TERM_CODE
RARACEX	RARACEX_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RARACEX_TERM_CODE
RARARSC	RARARSC_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RARARSC_TERM_CODE
RARSPTM	RARSPTM_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RARSPTM_TERM_CODE
RFRASCH	RFRASCH_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRASCH_TERM_CODE
RFRDEFA	RFRDEFA_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRDEFA_TERM_CODE
RFRDEFD	RFRDEFD_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRDEFD_TERM_CODE

RORLOGC TABLE NAME	RORLOGC COLUMN NAME	RORLOGC COLUMN DESC	RORLOGC LOG IND
RFRDLCK	RFRDLCK_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRDLCK_TERM_CODE
RFRDSCH	RFRDSCH_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRDSCH_TERM_CODE
RFRPROM	RFRPROM_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RFRPROM_TERM_CODE
RORCRHR	RORCRHR_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RORCRHR_TERM_CODE
RORHOLD	RORHOLD_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RORHOLD_TERM_CODE
RORPOST	RORPOST_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RORPOST_TERM_CODE
RORTPRD	RORTPRD_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RORTPRD_TERM_CODE
RPRADSB	RPRADSB_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRADSB_TERM_CODE
RPRATRM	RPRATRM_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRATRM_TERM_CODE
RPRAUTH	RPRAUTH_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRAUTH_TERM_CODE
RPRDATE	RPRDATE_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRDATE_TERM_CODE
RPRLADB	RPRLADB_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRLADB_TERM_CODE
RPRLATR	RPRLATR_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRLATR_TERM_CODE
RPRLDSB	RPRLDSB_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRLDSB_TERM_CODE
RPRLTRM	RPRLTRM_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RPRLTRM_TERM_CODE
RRRAREQ	RRRAREQ_PERIOD	PERIOD	RPRLOGC_LOG_IND FOR RRRAREQ_TERM_CODE

This script also inserts entries for the following new columns:

- RORLOGC_ACTIVITY_DATE = SYSDATE
- RORLOGC_USER_ID = USER
- RORLOGC_LOG_IND = N

RORLOGC TABLE NAME	RORLOGC COLUMN NAME	RORLOGC COLUMN DESC
RFRASCH	RFRASCH_DATA_ORIGIN	DATA ORIGIN
RFRDEFA	RFRDEFA_DATA_ORIGIN	DATA ORIGIN
RFRDEFD	RFRDEFD_DATA_ORIGIN	DATA ORIGIN
RFRDLCK	RFRDLCK_DATA_ORIGIN	DATA ORIGIN
RFRDSCH	RFRDSCH_DATA_ORIGIN	DATA ORIGIN
ROBINST	ROBINST_CURRENT_PERIOD	CURRENT PERIOD
ROBINST	ROBINST_PERIOD_ENABLED	PERIOD ENABLED
RORCRHR	RORCRHR_DATA_ORIGIN	DATA ORIGIN
RORTPRD	RORTPRD_DATA_ORIGIN	DATA ORIGIN
RPRAUTH	RPRAUTH_DATA_ORIGIN	DATA ORIGIN
RPRDATE	RPRDATE_DATA_ORIGIN	DATA ORIGIN
RPRLDSB	RPRLDSB_DATA_ORIGIN	DATA ORIGIN
RPRLTRM	RPRLTRM_DATA_ORIGIN	DATA ORIGIN
RFRASPC	RFRASPC_DISB_NO_DAYS	DISBURSEMENT DATE OFFSET
RJRSEWH	RJRSEWH_PERIOD	PERIOD
ROBPRDS	ROBPRDS_ACAD_YEAR	ACADEMIC YEAR
ROBPRDS	ROBPRDS_ACTIVE_IND	ACTIVE INDICATOR
ROBPRDS	ROBPRDS_ACTIVITY_DATE	ACTIVITY DATE
ROBPRDS	ROBPRDS_AIDY_CODE	AID YEAR CODE
ROBPRDS	ROBPRDS_AIDY_CODE_CROSS	CROSSOVER AID YEAR CODE
ROBPRDS	ROBPRDS_COMMENT	PERIOD COMMENT
ROBPRDS	ROBPRDS_CROSSOVER_IND	CROSSOVER INDICATOR
ROBPRDS	ROBPRDS_DATA_ORIGIN	DATA ORIGIN
ROBPRDS	ROBPRDS_DESC	PERIOD DESCRIPTION
ROBPRDS	ROBPRDS_END_DATE	PERIOD END DATE
ROBPRDS	ROBPRDS_PERIOD	PERIOD
ROBPRDS	ROBPRDS_SEQ_NO	PERIOD SEQUENCE NUMBER
ROBPRDS	ROBPRDS_START_DATE	PERIOD START DATE
ROBPRDS	ROBPRDS_USER_ID	USER ID
RORPRDS	RORPRDS_ACTIVITY_DATE	ACTIVITY DATE
RORPRDS	RORPRDS_AR_IND	ACCOUNTS RECEIVABLE INDICATOR
RORPRDS	RORPRDS_DATA_ORIGIN	DATA ORIGIN

RORLOGC TABLE NAME	RORLOGC COLUMN NAME	RORLOGC COLUMN DESC
RORPRDS	RORPRDS_PERIOD	PERIOD
RORPRDS	RORPRDS_SAP_IND	SAP INDICATOR
RORPRDS	RORPRDS_STUDENT_IND	STUDENT INDICATOR
RORPRDS	RORPRDS_TERM_CODE	TERM CODE
RORPRDS	RORPRDS_USER_ID	USER ID

RORLOGCU_080900.SQL Script

This script has been created to update column descriptions for the following columns:

- RORLOGC_ACTIVITY_DATE = SYSDATE
- RORLOGC_USER_ID = USER

RARSPTM	RARSPTM_ATHL_AID_TERM_AMT	ATHLETIC AID PERIOD AMOUNT
RARSPTM	RARSPTM_SUMMER_TERM_COUNT	PERIODS OF SUMMER AID
RARSPTM	RARSPTM_TERM_COUNT	PERIODS OF AID
RARSPTM	RARSPTM_TERM_PCT	PERIOD PERCENT
RFRSDEM	RFRSDEM_MAXIMUM_TERMS	MAXIMUM NUMBER OF PERIODS
RPRATRM	RPRATRM_LOCK_IND	LOCK INDICATOR
RPRATRM	RPRATRM_PELL_AWRD_LOAD_OPT	APPLICANT GRANT AWARD ENROLLMENT OPTION
RPRDATE	RPRDATE_DISB_ACT_ENROLL_IND	DISBURSEMENT ENROLLMENT OPTION
RPRDATE	RPRDATE_PELL_AWRD_ENRL_OPT	PERIOD GRANT AWARDED ENROLLMENT OPTION
RPRDATE	RPRDATE_PELL_DISB_ENRL_OPT	PERIOD GRANT DISBURSING ENROLLMENT OPTION
RPRDATE	RPRDATE_PELL_ISIR_TERM_IND	PERIOD GRANT ISIR MAPPING INDICATOR
RPRLATR	RPRLATR_USER_ID	USER ID
RPRSSUM	RPRSSUM_MAXIMUM_TERMS	MAXIMUM NUMBER OF PERIODS
RTVTREQ	RTVTREQ_TERM_ELIGIBLE_IND	PERIOD ELIGIBLE INDICATOR

Miscellaneous Validation Rules Table (RORMVAL)

RORMVALI_080900.SQL Script

This script has been created to support the following changes:

- RORMVAL_ACTIVITY_DATE = SYSDATE
- RORMVAL_USER_ID = USER
- RORMVAL_DATA_ORIGIN = BANNER

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RPRDATE_DISB_ACT_ENROLL_IND		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
A	Adjusted Hours		
B	Billing Hours		
E	Expected Enrollment		

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RPRDATE_PELL_AWRD_ENRL_OPT		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
A	Adjusted Hours		
B	Billing Hours		
E	Expected Enrollment		
I	Est. ISIR/FAFSA Enrl		
1	Full Time		
2	¾ Time		
3	½ Time		
4	Less Than ½ Time		

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RPRDATE_PELL_DISB_ENRL_OPT		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
A	Adjusted Hours		
B	Billing Hours		
E	Expected Enrollment		
I	Est. ISIR/FAFSA Enrl		
1	Full Time		
2	¾ Time		
3	½ Time		
4	Less Than ½ Time		

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RPRDATE_PELL_ISR_TERM_IND		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
S2	Summer Term (pre Fall)		
F	Fall Semester/Qtr.		
W	Winter Quarter		
S	Spring Semester/Qtr.		
S1	Summer Term (post Spring)		

Batch Posting Type Validation Table (RTVPTYP)

RTVPTYPU_080900.SQL Script

This script has been created to establish the following changes:

RTVPTYP _CODE	RTVPTYP_DESC	RTVPTYP _TERM _REQ_IND	RTVPTYP _PERIOD _REQ_IND
DD	Scheduled Disbursement Date	N	Y
HT	Hold Code/Period	N	Y
MD	Memo Expiration Date	N	Y
PNA	Fund Prd Prom Note/Access Ind	N	Y
RFT	Fund Period Specific Reqs	N	Y
RFTA	Fund Period Req/Access Ind	N	Y
RFTS	Fund Period Req Status	N	Y
RT	Period Specific Requirements	N	Y
RTA	Period Req/Access Ind	N	Y
RTS	Period Req Status	N	Y
TL	Period Lock	N	Y



4 Problem Resolutions



This section lists the problem resolutions included in the Banner Financial Aid 8.9 release. At the time this guide was completed, the following problem resolutions were targeted for delivery with this release.

Note

For comprehensive and detailed problem, impact, and resolution information for all defects corrected in this release, refer to the supplemental problem resolutions file (`finaid80900resolutions.txt`) delivered along with your release guide. The information in this text file is extracted directly from the Customer Support Center just prior to release of the product and may include additional defects that were resolved after this document was finalized. ■

Object Name	Defect #	Summary
REREX11	1-D2ANUL	After installing Financial Aid 8.8, Parent PLUS loans may be rejected if Loan Default is null.
RERIM11	1-CUTONA	RPALORG Approved Endorser Information Loads leaving Origination Status at Pending
RERIM11	1-CVHVSC	CRSP11 loading second parent loan is overwriting unsent parent one loan.
RERIM11.jar	1-BNC2AH	returned as 'I' - Inactive for PLUS loans with an Approved Endorser
RFIBUDG.fmb	1-CT372G	RFIBUDG does not display term information for crossover terms.
RPAARSC resource maintenance	1-D34EK7	RPAARSC, RHACOMM, RJASEAR and ROAUSDF error when no current aid year RORSTAT record exists.
RPALORG	1-DHEPYN	1011 Aid Year hardcoded in 8.8 RPALORG
RPEDISB	1-CLO4KQ	The disbursement option values for RPROPTS are not printing in the rpbdisb.lis output.

Object Name	Defect #	Summary
rpklod.sql	1-COBPVF	rpklod does not use the Pell aid period when calculating load
RPRCP10/ RPRCP11	1-CXCWI3	The RPRCP10 and RPRCP11 processes use the default Direct Loan School code when creating the file.
RRREXIT.pc	1-CO1WDP	RRREXIT errors with ORA-01427: single-row subquery returns more than one row.

A Additional Technical Detail, Forms and Processes



This release, along with its introduction of periods, includes considerable behind the scenes technical enhancements. This appendix describes additional technical information associated with certain forms and processes.

This appendix provides additional technical details for the following objects:

Forms

The following forms include additional technical information for the Banner Financial Aid 8.9 release:

Sport Aid by Period (RAASPTM)

Aid For Sport Tab

The new Financial Aid Sport Aid by Period View (RAVSPTM) is used to display and query the data. The view is necessary to display Financial Aid Sport by Period (RARSPTM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RARSPTM_TERM_CODE was renamed to RARSPTM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_FA_SPRT_TERM API.

RARSPTM_TERM_CODE is replaced with RARSPTM_PERIOD

Institutional Awards Tab

Because RARAAWD_TERM_CODE was renamed to RARAAWD_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_FA_ATH_AWARDS API.

Outside Awards Tab

Because RARAAWD_TERM_CODE was renamed to RARAAWD_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_FA_ATH_AWARDS API.

Resources Tab

Because resources are defined by term, a period (RARARSC_PERIOD) was added to the Financial Aid Athletic Resources (RARARSC) Table.

The RARARSC_TERM_CODE was added to the order by clause.

A P_PERIOD parameter was added for the RB_FA_ATH_RESOURCES API.

Contracts and Exemptions Tab

Because contracts and exemptions are defined by term, a period (RARACEX_PERIOD) was added to the Financial Aid Athletic Contracts and Exemptions (RARACEX) Table.

The RARACEX_TERM_CODE was added to the order by clause.

A P_PERIOD parameter was added for the RB_FA_ATH_CONT_EXEMPT API.

Team Sport Period Aid (RAITMTM)

General Processing

The RAITMTM form's title property (via MAIN_WINDOW) and description (on GUAOBS) have been changed to reflect the shift to Periods:

Team Sport Term Aid is replaced with Team Sport Period Aid

Key Block

Because RARSPTM_TERM_CODE was renamed RARSPTM_PERIOD, "Period" has replaced "TERM CODE".

2009-2010 Grant Disbursement/Acknowledgement (READI10)

Disbursement Block

The new Applicant Award Disbursement Period View (RPVADSB_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Disbursement (RPRADSB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRADSB_TERM_CODE was renamed to RPRADSB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_DISBURSEMENT API.

2010-2011 Grant Disbursement/Acknowledgement (READI11)

Disbursement Block

The new Applicant Award Disbursement Period View (RPVADSB_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Disbursement (RPRADSB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRADSB_TERM_CODE was renamed to RPRADSB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_DISBURSEMENT API.

Fund Budget Inquiry (RFIBUDG)

The RFIBUDG form has been modified to allow you to view award information by period or term. Schools that have created multiple periods (which include the same term code) will have the flexibility to view the total amounts for all periods for that particular term.

Term Summary Block

The WHERE clause has been modified to list all terms (STVTERM_CODE) associated with periods where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS are equal to the key block aid year.

Period Summary Block

This block will be based on the Period Base (ROBPRDS) Table. Periods where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS are equal to the key block aid year will display.

Period Detail Block

This block uses PERIOD to calculate the information from the Award Schedule (RPRATRM) Table.

Fund Award and Disbursement Schedule Rules (RFRASCH)

Award Schedule Block

The new Fund Award Schedule Rules Period View (RFVASCH_PRDS) is used to display and query the data. The view is necessary to display Fund Award Schedule Rules (RFRASCH) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RFRASCH_TERM_CODE was renamed to RFRASCH_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_FUND_AWARD_SCHEDULE API is now used to insert, update and delete.

The new **Default Award Schedule** button and the new **Delete Award Schedule** button use the new RFKASCH package.

The following edits are now performed by the new RFKASCH package:

- Award schedule records must exist for every period in the aid period.
- Award Percentages in a given fund must total 100.
- Pell Award Percentages for a given aid period must total $\geq 100\%$.

Disbursement Schedule Block

The new Fund Disbursement Schedule Rules Period View (RFVDSCH_PRDS) is used to display and query the data. The view is necessary to display Fund Disbursement Schedule Rules (RFRDSCH) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RFRDSCH_TERM_CODE was renamed to RFRDSCH_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_FUND_DISB_SCHEDULE API is now used to insert, update and delete.

The new **Default Disbursement Schedule** button and the new **Delete Disbursement Schedule** button use the new RFKASCH package.

The following edits are now performed by the new RFKASCH package:

- Disbursement schedule records must exist for every period in the award schedule.
- Disburse Percentages must total to 100 for any given period.

Default Award and Disbursement Schedule Rules (RFRDEFA)

Award Schedule Block

The new Default Award Schedule Rules Period View (RFVDEFA_PRDS) is used to display and query the data. The view is necessary to display Default Award Schedule Rules (RFRDEFA) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

The block's ORDER BY clause has been modified:

- RFRDEFA_PRDS_SEQ_NO

Because RFRDEFA_TERM_CODE was renamed to RFRDEFA_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_DFLT_AWARD_SCHEDULE API is now used to insert, update and delete.

The new **Default Award Schedule** button and the new **Delete Award Schedule** button use the new RFKDEFA package.

The following edits are now performed by the new RFKDEFA package:

- Award schedule records must exist for every period in the aid period.
- Award Percentages in a given fund must total 100.
- Pell Award Percentages for a given aid period must total $\geq 100\%$.

Disbursement Schedule Block

The new Default Disbursement Schedule Rules Period View (RFVDEFD_PRDS) is used to display and query the data. The view is necessary to display Default Disbursement Schedule Rules (RFRDEFD) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RFRDEFD_TERM_CODE was renamed to RFRDEFD_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_DFLT_DISB_SCHEDULE API is now used to insert, update and delete.

The new **Default Disbursement Schedule** button and the new **Delete Disbursement Schedule** button use the new RFKDEFA package.

The following edits are now performed by the new RFKDEFA package:

- Disbursement schedule records must exist for every period in the award schedule.
- Disburse Percentages must total 100 for any given period.

Fund Management (RFRMGMT)

Disbursement Locks Tab

The new Fund Disbursement Lock Rules Period View (RFVDLCK_PRDS) is used to display and query the data. The view is necessary to display Fund Disbursement Lock Rules (RFRDLCK) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Since RFRDLCK_TERM_CODE was renamed to RFRDLCK_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_FUND_DISB_LOCK API is now used to insert, update and delete.

Student Employment Mass Entry (RJASEME)

Key Block

The KEYBLCK_TERM_CODE attribute has been replaced with the KEYBLCK_PERIOD.

Student Employment Work History (RJSEWH)

Because RJRSEWH_PERIOD was added to the Student Employment Work History (RJRSEWH) Table, all occurrences of TERM_CODE have been modified to PERIOD.

NSLDS Transfer Monitoring Application (RNATMNT)

f_get_stud_first_attend_date has been replaced with rokmisc_period.f_get_stud_first_attend_date

Financial Aid Enrollment (ROAENRL)

Financial Aid Hours

The block's WHERE clause has been modified:

- RORENRL_TERM_CODE is now associated with a period where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS = :KEYBLCK_AIDY_CODE.

A new **By Period** button has been added to the block. When this new button is selected, the **Financial Aid Enrollment by Period** window is displayed.

Note

If an aid year has not been defined in the form's key block, the new **By Period** button is disabled (de-emphasized). ■

Financial Aid Enrollment by Date

The block's WHERE clause has been modified:

- RORATND_TERM_CODE is now associated with a period where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS = :KEYBLCK_AIDY_CODE.

Current Hours

The block's WHERE clause has been modified:

- SFBETRM_TERM_CODE is now associated with a period where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS = :KEYBLCK_AIDY_CODE.

A new **Current By Period** button has been added to the block. When this new button is selected, the **Current Enrollment by Period** window is displayed.

Note

If an aid year has not been defined in the form's key block, the new **By Period** button is disabled (de-emphasized). ■

Financial Aid Hours By Period

The following data block trigger has been added:

- POST-QUERY - to calculate:
 - DISPLAY_CREDIT_HR = rokmisc_period.f_calc_fa_credit_hrs
 - DISPLAY_BILL_HR = rokmisc_period.f_calc_fa_bill_hrs
 - DISPLAY_ADJ_HR = rokmisc_period.f_calc_fa_adj_hrs

Financial Aid Attending By Period

Uses the `rokmisc_period.P_GET_FA_PERIOD_ATTEND_DATA` procedure to return a REF CURSOR.

Note

This is the same methodology that is used in the Resource Maintenance (RPAARSC) Form to display Exemptions and Contracts. ■

The POST-QUERY uses the `rokmisc_period.p_disp_period_attend_fa_hrs` procedure to display Attend Date, Credit Hours, Bill Hours, and Adjusted Hours.

Current Hours By Period

The following data block trigger has been added:

- POST-QUERY
 - `DISPLAY_CREDIT_HR = rokmisc_period.f_calc_stud_credit_hrs`
 - `DISPLAY_BILL_HR = rokmisc_period.f_calc_stud_bill_hrs`
 - `DISPLAY_ADJ_HR = rokmisc_period.f_calc_stud_adj_hrs`

Current Attending By Period

Uses the `rokmisc_period.P_GET_STUD_PERIOD_ATTEND_DATA` procedure to return a REF CURSOR.

Note

This is the same methodology that is used in the Resource Maintenance (RPAARSC) Form to display Exemptions and Contracts. ■

The following data block trigger has been added:

- POST-QUERY
 - `DISPLAY_CREDIT_HR = rokmisc_period.f_calc_attend_stud_credit_hrs`
 - `DISPLAY_BILL_HR = rokmisc_period.f_calc_attend_stud_bill_hrs`
 - `DISPLAY_ADJ_HR = rokmisc_period.f_calc_attend_stud_adj_hrs`

Applicant Holds (ROAHOLD)

Because `ROAHOLD_TERM_CODE` was renamed to `ROAHOLD_PERIOD`, all occurrences of `TERM_CODE` have been modified to `PERIOD`. This includes the `P_TERM` parameter for the `RB_APPLICANT_HOLDS` API.

Global Institution Financial Aid Options (ROAINST)

Credit Hours Tab

The new Credit Hours Period View (ROVCRHR_PRDS) is used to display and query the data. The view is necessary to display Credit Hours Table (RORCRHR) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RORCRHR_TERM_CODE was renamed to RORCRHR_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_CREDIT_HOUR_RULES API is now used to insert, update and delete.

Applicant Summary (ROASMRY)

Memos Tab

The Memos tab's WHERE clause has been modified for this release to display all memos associated with a period where ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS is equal to the key block aid year.

Note

Because information associated with this tab originates in the Banner Accounts Receivable product, references to "term code" have not been replaced with "period". ■

Loan Distributions Tab

The new Loan Disbursement Period View (RPVLADB_PRDS) is used to display and query the data. The view is necessary to display Loan Disbursement (RPRLADB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLADB_TERM_CODE was renamed to RPRLADB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_LOAN_DISBURSEMENT API is now used to update.

Requirements Tab

Because RRRAREQ_TERM_CODE was renamed to RRRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_REQUIREMENT API.

Perkins MPN Detail Tab

Because RRRAREQ_TERM_CODE was renamed to RRRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_REQUIREMENT API.

Promissory Notes Tab

The new Promissory Note Requirement Period View (RFVPROM_PRDS) is used to display and query the data. The view is necessary to display Promissory Note Requirement (RFRPROM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RFRPROM_TERM_CODE was renamed to RFRPROM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_PROMISSORY_NOTE API is now used to update.

Disbursement Status (ROIDISB)

Because RPRSLT_TERM_CODE was renamed to RPRSLT_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

Financial Aid System Global Establishment Form (ROQMENU)

A new global has been added for PERIOD under Release 8.9.

Financial Aid Object Library (ROQOLIB)

The following elements have been added for Release 8.9:

- ROBACYR_AIDY_LOV and ROBACYR_AIDY_RG
- ROBPRDS_AIDY_LOV and ROBPRDS_AIDY_RG
- STVTERM_PERIOD_LOV and STVTERM_PERIOD_RG
- Modified STVTERM_CROSS_LOV and STVTERM_CROSS_RG to use ROBPRDS_AIDY_CODE and ROBPRDS_AIDY_CODE_CROSS rather than the RPRCRSS.

Financial Aid PL/SQL Library (ROQRPLS)

The R\$_GET_WDRL_STATUS procedure body has been modified for Release 8.9.

Academic Year Rules (RORACYR)

Replace the local version of ROBACYR_RG and ROBACYR_LOV with the ROBACYR_RG and ROBACYR_LOV defined in ROQOLIB.

Period Base Data (RORPRDS)

Base Data Block

Based on the Period Base (ROBPRDS) Table.

Standard navigation applies

If a row is not found for the KEYBLCK_PERIOD in the ROBPRDS table, default the data from STVTERM into the block.

```
STVTERM_DESC ROBPRDS_DESC
STVTERM_START_DATE ROBPRDS_START_DATE
STVTERM_END_DATE ROBPRDS_END_DATE
STVTERM_FA_PROC_YR ROBPRDS_AIDY_CODE
‘STANDARD’ ROBPRDS_ACAD_YEAR
‘Y’ ROBPRDS_ACTIVE_IND
STVTERM_TERM_CODE RORPRDS_TERM_CODE
‘Y’ RORPRDS_AR_IND
‘Y’ RORPRDS_STUDENT_IND
‘Y’ RORPRDS_SAP_IND
```

Use the new RB_PERIOD API to perform the inserts, updates and deletes. Read and follow the instructions in *Chapter 7 of the API Developer Guide*.

Period Rules Block

Based on the Period Rules (RORPRDS) Table.

ORDER BY clause – RORPRDS_TERM_CODE

Standard navigation applies

Use the new RB_PERIOD_RULES API to perform the inserts, updates and deletes.

The following edits are now performed by the new ROK_PERIOD package:

- One term must have the accounts receivable indicator set to Yes.
- Only one term can have an accounts receivable indicator set to Yes.
- One term must have the student indicator set to Yes.
- Only one term can have the student indicator set to Yes.
- One term must have the SAP indicator set to Yes.
- Only one term can have an SAP indicator set to Yes.
- A term code can only exist once for the period.
- Multiple terms can not be associated with the period.

Aid Period Rules (RORTPRD)

This form's Title property on the MAIN_WINDOW has been changed to display "Aid Period Rules". Additionally, the form's description has been changed to reflect "Aid Period Rules" on the GUAOBS form.

Aid Period Rules

The new Aid Period/Period View (ROVTPRD_PRDS) is used to display and query the data. The view is necessary to display Aid Period/Enrollment Period Table (RORTPRD) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RORTPRD_TERM_CODE was renamed to RORTPRD_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_AID_PERIOD_RULES API is now used to insert, update and delete.

The following edits are now performed by the new ROK_PERIOD package:

- Periods cannot overlap for the aid period.
- A term code can only exist once for the aid period.

Package Maintenance (RPAAPMT)

Award Schedule

The new Applicant Award Schedule Period View (RPVATRM_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Schedule Table (RPRATRM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRATRM_TERM_CODE was renamed to RPRATRM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_SCHEDULE API.

Disbursement Schedule

The new Applicant Award Disbursement Period View (RPVADSB_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Disbursement Table (RPRADSB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRADSB_TERM_CODE was renamed to RPRADSB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_DISBURSEMENT API.

Award Maintenance (RPAAWRD)

Award Schedule

The new Applicant Award Schedule Period View (RPVATRM_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Schedule Table (RPRATRM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRATRM_TERM_CODE was renamed to RPRATRM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_SCHEDULE API.

Disbursement Schedule

The new Applicant Award Disbursement Period View (RPVADSB_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Disbursement Table (RPRADSB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRADSB_TERM_CODE was renamed to RPRADSB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_AWARD_DISBURSEMENT API.

Electronic Loan Application (RPAELAP)

Loan Schedule

The new Loan Schedule Period View (RPVLATR_PRDS) is used to display and query the data. The view is necessary to display Loan Schedule Table (RPRLATR) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLATR_TERM_CODE was renamed to RPRLATR_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_SCHEDULE API.

Disbursement Schedule

The new Loan Disbursement Period View (RPVLADB_PRDS) is used to display and query the data. The view is necessary to display Loan Disbursement Table (RPRLADB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLADB_TERM_CODE was renamed to RPRLADB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_DISBURSEMENT API.

Loan Application (RPALAPP)

Loan Schedule

The new Loan Schedule Period View (RPVLATR_PRDS) is used to display and query the data. The view is necessary to display Loan Schedule Table (RPRLATR) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLATR_TERM_CODE was renamed to RPRLATR_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_SCHEDULE API.

Disbursement Schedule

The new Loan Disbursement Period View (RPVLADB_PRDS) is used to display and query the data. The view is necessary to display Loan Disbursement Table (RPRLADB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLADB_TERM_CODE was renamed to RPRLADB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_DISBURSEMENT API.

Loan Disbursement (RPALDSB)

Disbursement Details

The new Loan Disbursement Period View (RPVLADB_PRDS) is used to display and query the data. The view is necessary to display Loan Disbursement Table (RPRLADB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLADB_TERM_CODE was renamed to RPRLADB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_DISBURSEMENT API.

Direct Loan Origination (RPALORG)

Promissory Note Summary

Because RFRPROM_TERM_CODE was renamed to RFRPROM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_PROMISSORY_NOTE API.

Loan Schedule

The new Loan Schedule Period View (RPVLATR_PRDS) is used to display and query the data. The view is necessary to display Loan Schedule Table (RPRLATR) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLATR_TERM_CODE was renamed to RPRLATR_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_SCHEDULE API.

Disbursement Information

The new Loan Disbursement Period View (RPVLADB_PRDS) is used to display and query the data. The view is necessary to display Loan Disbursement Table (RPRLADB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLADB_TERM_CODE was renamed to RPRLADB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_LOAN_DISBURSEMENT API.

Promissory Note (RPAPROM)

The new Promissory Note Requirement Period View (RFVPROM_PRDS) is used to display and query the data. The view is necessary to display Promissory Note Requirement Table (RFRPROM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RFRPROM_TERM_CODE was renamed to RFRPROM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_PROMISSORY_NOTE API.

Scholarship Period Information (RPASTRM)

The RPASPTM form's title property (via MAIN_WINDOW) and description (on GUAOBS) have been changed to reflect the shift to Periods:

Scholarship Term Information is replaced with Scholarship Period Information

Scholarship Details

The new Applicant Award Schedule Period View (RPVATRM_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Schedule Table (RPRATRM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRATRM_TERM_CODE was renamed to RPRATRM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

Applicant Award by Period (RPIATRM)

The new Applicant Award Schedule Period View (RPVATRM_PRDS) is used to display and query the data. The view is necessary to display Applicant Award Schedule Table (RPRATRM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRATRM_TERM_CODE was renamed to RPRATRM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

Loan Period Base Data (RPRLPRD)

Loan Schedule Rules

The new Loan Period / Loan Schedule Rules Period View (RPVLTRM_PRDS) is used to display and query the data. The view is necessary to display Loan Period / Loan Schedule Rules Table (RPRLTRM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLTRM_TERM_CODE was renamed to RPRLTRM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_LPRD_SCHED_RULES API is now used to insert, update and delete.

The following edits are now performed by the new RPKLTRM package:

- Loan percentages in a given loan period must total 100.

Disbursement Schedule Rules

The new Loan Period / Disbursement Schedule Rules Period View (RPVLDSB_PRDS) is used to display and query the data. The view is necessary to display Loan Period / Disbursement Schedule Rules Table (RPRLDSB) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRLDSB_TERM_CODE was renamed to RPRLDSB_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_LPRD_DISB_RULES API is now used to insert, update and delete.

The following edits are now performed by the new RPKLTRM package:

- Disbursement percentages in a given period must total 100.
- Periods cannot overlap for the loan period.

Packaging Options (RPROPTS)

Enrollment Cut Off Date Rules

The new Enrollment Options by Enrollment Period View (RPVDATE_PRDS) is used to display and query the data. The view is necessary to display Enrollment Options by Enrollment Period Table (RPRDATE) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRDATE_TERM_CODE was renamed to RPRDATE_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_ENRL_OPTIONS API is now used to insert, update and delete.

Grant Options

The new Enrollment Options by Enrollment Period View (RPVDATE_PRDS) is used to display and query the data. The view is necessary to display Enrollment Options by Enrollment Period Table (RPRDATE) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RPRDATE_TERM_CODE was renamed to RPRDATE_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

The new RB_ENRL_OPTIONS API is now used to update and delete.

Applicant Requirements (RRAAREQ)

Applicant Requirements

The new Applicant Requirements Period View (RRVAREQ_PRDS) is used to display and query the data. The view is necessary to display Applicant Requirements Table (RRRAREQ) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RRRAREQ_TERM_CODE was renamed to RRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

This includes the P_TERM parameter for the RB_REQUIREMENT API.

Promissory Notes

The new Promissory Note Requirement Period View (RFVPROM_PRDS) is used to display and query the data. The view is necessary to display Promissory Note Requirement Table (RFRPROM) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Since RFRPROM_TERM_CODE was renamed to RFRPROM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_PROMISSORY_NOTE API.

Additional Requirements

The new Applicant Requirements Period View (RRVAREQ_PRDS) is used to display and query the data. The view is necessary to display Applicant Requirements Table (RRRAREQ) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RRRAREQ_TERM_CODE was renamed to RRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

This includes the P_TERM parameter for the RB_REQUIREMENT API.

Applicant Requirements Mass Entry (RRAMASS)

Because RRRAREQ_TERM_CODE was renamed to RRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for RP_REQUIREMENT API.

Applicant Requirements Inquiry (RRIAREQ)

The new Applicant Requirements Period View (RRVAREQ_PRDS) is used to display and query the data. The view is necessary to display Applicant Requirements Table (RRRAREQ) Table entries in chronological order which is done by using the period's sequence number, not the period itself.

Because RRRAREQ_TERM_CODE was renamed to RRAREQ_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD.

Processes

The following processes include additional technical information for the Banner Financial Aid 8.9 release:

Athletic Grant Period Roll Process (RAPAGRL)

Because RARSPTM_TERM_CODE was renamed to RARSPTM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_FA_SPRT_TERM API.

Athletic Aid Discrepancy Report (RARATAD)

Because RARSPTM_TERM_CODE was renamed to RARSPTM_PERIOD, all occurrences of TERM_CODE have been modified to PERIOD. This includes the P_TERM parameter for the RB_FA_SPRT_TERM API.

Because RARSPTM_TERM_CODE was renamed to RARSPTM_PERIOD, all occurrences of RARSPTM_TERM_CODE have been modified to RARSPTM_PERIOD.

Because RARAAWD_TERM_CODE was renamed to RARAAWD_PERIOD, all occurrences of RARAAWD_TERM_CODE have been modified to RARAAWD_PERIOD.

Because RARARSC had a RARARSC_PERIOD column, RARARSC_PERIOD is used to select the Resource but RARARSC_TERM_CODE is still used to sort.

Because RARACEX had a RARACEX_PERIOD column, RARAREX_PERIOD is used to select the Contract or Exemption but RARACEX_TERM_CODE is still used to sort.

Automatic Rule Compilation (ROOGSQSQL)

Period processing has been added to the Automatic Rule Compilation process for this release.

Batch Posting Process (RORBPST)

The following post types have been modified to use “period” instead of “term”:

- DD Scheduled Disbursement Date
- HT Hold Code/Period
- MD Memo Expiration Date
- PNA Fund Prd Prom Note/Access Ind
- RFT Fund Period Specific Reqs
- RFTA Fund Period Req/Access Ind
- RFTS Fund Period Req Status
- RT Period Specific Requirements
- RTA Period Req/Access Ind
- RTS Period Req Status
- TL Period Lock

Disbursement Process (RPEDISB)

Queries, inserts, updates and deletes of the following Financial Aid tables now use Period:

- Applicant Award Schedule Table (RPRATRM)
- Applicant Award Disbursement Table (RPRADSB)
- Loan Schedule Table (RPRLATR)
- Loan Disbursement Schedule (RPRLADB)
- Financial Aid Authorization Table (RPRAUTH)
- Disbursement Message Table (RPRSLT)
- Applicant Requirements Table (RRRAREQ)
- Fund Disbursement Lock Table (RFRDLCK)

Queries, inserts, updates and deletes of Accounts Receivables tables continue to use Term Code. The term code is derived from the RORPRDS Period Rules Table, using RORPRDS_TERM_CODE for the Period where AR Indicator is Y.

Tables affected are:

- Charge/Payment Detail Memo Table (TBRMEMO)
- Account Charge/Payment Detail Table (TBRACCD)
- Reapplication of Payment Request Table (TBBRQST)

Pell Calculation Process (RPEPELL)

Queries, inserts, updates and deletes of the following Financial Aid tables now use Period rather than term code:

- Applicant Award Schedule Table (RPRATRM)
- Applicant Award Disbursement Table (RPRADSB)
- Fund Award Schedule Rules Table (RFRASCH)
- Fund Disbursement Schedule Rules Table (RFRDSCH)
- Default Award Schedule Rules Table (RFRDEFA)
- Default Disbursement Schedule Rules Table (RFRDEFD)
- Aid Period/Enrollment Period Table (RORTPRD)

Disburse Schedule Date Update (RPRDDUP)

The following procedure has been modified:

- ROKPVAL.P_PR_RPRDDUP_VALIDATION
 - The procedure has been modified to validate all periods using the new P_VALID_AIDY_PERIOD procedure.

The job's term code parameter processing has been replaced with period parameter processing. To validate the period, `rb_period.f_period_exists_in_all_aidy` is used.

The main function has been modified for this release.

The following cursor has been modified:

- DRIVING
 - RPRATRM_TERM_CODE has been replaced with RPRATRM_PERIOD
 - RPRADSB_TERM_CODE has been replaced with RPRADSB_PERIOD

The job's output has been modified to replace "Term Code" with "Period".

Promissory Note Manifest (RPRDLPM)

The following functions have been modified:

- upd_rfrprom
- upd_rfrprom_dup_mpn

Exit Interview Requirements (RRREXIT)

The following cursor has been modified:

- inv_major_c cursor

The following function has been modified:

- handle_requirement
 - P_TERM_CODE has been replaced with P_PERIOD in rb_requirement.p_update
 - P_TERM_CODE has been replaced with P_PERIOD in rb_requirement.p_create

Financial Aid Enrollment Hours (RSRENRL)

The following function has been modified:

- sel_valid_term_code
 - The term has been associated with a period (RORPRDS) and further associated with the aid year (ROBPRDS_AIDY_CODE or ROBPRDS_AIDY_CODE_CROSS)

Note

This process has not been modified to use periods. ■

COBOL Copylib (UCLRTN)

The UCLRTN program has been modified for this release:

- UCL-TERM-CODE has been replaced with UCL-PERIOD.
- “TERM CODE” has been replaced with “PERIOD” in error messages (as appropriate).
- RPRDATE_TERM_CODE has been replaced with RORDATE_PERIOD.

- RORTPRD_PERIOD has been selected instead of RORTPRD_TERM_CODE

 **Note**

ROBPRDS has been added so that ROBPRDS_SEQ_NO can be used in the ORDER BY clause in place of term code. ■

- The rb_period_term.f_get_student_term function is used to return the term for the period when selecting SGBSTDN.
- Selection of ROENRL has been replaced with:
 - rokmisc_period.f_calc_fa_bill_hrs
 - rokmisc_period.f_get_consortium_ind
- The rokmisc.f_calc_stud_bill_hrs function has been replaced with the new rokmisc_period.f_calc_stud_bill_hrs function.
 - UCL-TERM-CODE has been replaced with UCL-PERIOD.
- The rokmisc.f_calc_attend_fa_bill_hrs function has been replaced with the new rokmisc_period.f_calc_attend_fa_bill_hrs function.
 - UCL-TERM-CODE has been replaced with UCL-PERIOD.
- The rokmisc.f_calc_attend_stud_bill_hrs function has been replaced with the new rokmisc_period.f_calc_attend_stud_bill_hrs function.
 - UCL-TERM-CODE has been replaced with UCL-PERIOD.
- RORCRHR_TERM_CODE has been replaced with RORCRHR_PERIOD.

COBOL Copylib (UCPRTN)

The UCPRTN program has been modified for this release:

- UCP6K-SAP-VALIDATE
 - The program has been modified to select the SAP information the term returned by rb_period_term.f_get_sap_term for the period.

Queries of the following Financial Aid tables used in the Pell calculation now use Period rather than Term code:

- Applicant Award Schedule Table (RPRATRM)
- Fund Award Schedule Rules Table (RFRASCH)
- Fund Disbursement Schedule Rules Table (RFRDSCH)
- Default Award Schedule Rules Table (RFRDEFA)
- Default Disbursement Schedule Rules Table (RFRDEFD)
- Aid Period/Enrollment Period Table (RORTPRD)

Other Processes

Additionally, other Banner Financial Aid processes include specific technical changes to support the shift to PERIODS.

Common Changes

- Replace RFRASCH_TERM_CODE with RFRASCH_PERIOD.
- Replace RFRDEFA_TERM_CODE with RFRDEFA_PERIOD.
- Replace RFRDEFD_TERM_CODE with RFRDEFD_PERIOD.
- Replace RFRDLCK_TERM_CODE with RFRDLCK_PERIOD.
- Replace RFRDSCH_TERM_CODE with RFRDSCH_PERIOD.
- Replace RFRPROM_TERM_CODE with RFRPROM_PERIOD.
- Replace RORCRHR_TERM_CODE with RORCRHR_PERIOD.
- Replace RORHOLD_TERM_CODE with RORHOLD_PERIOD.
- Replace RORTPRD_TERM_CODE with RORTPRD_PERIOD.
- Replace RPRASB_TERM_CODE with RPRASB_PERIOD.
- Replace RPRATRM_TERM_CODE with RPRATRM_PERIOD.
- Replace RPRAUTH_TERM_CODE with RPRAUTH_PERIOD.
- Replace RPRBAKO_TERM_CODE with RPRBAKO_PERIOD.
- Replace RPRDATE_TERM_CODE with RPRDATE_PERIOD.
- Replace RPRLADB_TERM_CODE with RPRLADB_PERIOD.
- Replace RPRLATR_TERM_CODE with RPRLATR_PERIOD.
- Replace RPRLDSB_TERM_CODE with RPRLDSB_PERIOD.
- Replace RPRLTRM_TERM_CODE with RPRLTRM_PERIOD.
- Replace RPRSLT_TERM_CODE with RPRSLT_PERIOD.
- Replace RRRAREQ_TERM_CODE with RRRAREQ_PERIOD.

Ordering will use ROBPRDS_SEQ_NO not table_PERIOD.

In calls to existing APIs, TERM_CODE has been replaced with PERIOD.

Selecting student (SGBSTDN) data will use the TERM_CODE returned by rb_period_term.f_get_student_term.

Selecting SAP data will use the `TERM_CODE` returned by `rb_period_term.f_get_sap_term`.

On reports, `TERM_CODE` will be replaced by `PERIOD` where appropriate.

The following other Release 8.9 processes have been modified to accommodate the shift to `PERIODS`:

- 2005-2006 Financial Aid Dataload Part 3 (RCRTP06)
- 2006-2007 Financial Aid Dataload Part 3 (RCRTP07)
- 2007-2008 Financial Aid Dataload Part 3 (RCRTP08)
- 2008-2009 Financial Aid Dataload Part 3 (RCRTP09)
- 2009-2010 Financial Aid Dataload Part 3 (RCRTP10)
- 2010-2011 Financial Aid Dataload Part 3 (RCRTP11)
- 2010 ISIR Correction/Request Process (REBCD10)
- 2011 ISIR Correction/Request Process (REBCD11)
- 2009-2010 COD Print Process (RERCD10)
- 2010-2011 COD Print Process (RERCD11)
- 2009-2010 COD Extract Process (REREX10)
- 2010-2011 COD Extract Process (REREX11)
- Grant COD Miscellaneous Report (RERGRNT)
- COD Import/Export Report (RERIMEX)
- 2009-2010 Grant Origination Creation Process (REROR10)
- 2010-2011 Grant Origination Creation Process (REROR11)
- Account Balance Report (RFRABAL)
- Fund Description Report (RFRFUND)
- Payroll Load Process (RJRLOAD)
- Transfer Monitoring Extract (RNRTMNE)
- Grade Exception Report (RORGRDE)
- Financial Aid Registration Report (RORREGS)
- Packaging (RPEPCKG)
- Applicant Disbursement Report (RPRADSB)
- Award and Disbursement Report (RPRAWDB)

- Applicant Award Report (RPRAWRD)
- Promissory Note Manifest (RPRDLPM)
- EFT Posting Process (RPREFTP)
- Electronic Loan Application (RPRELAP)
- Electronic Loan Application Extract (RPRELAX)
- Electronic Loan Change Transaction Extract (RPRELCT)
- Electronic Loan Response Upload (RPRELRU)
- Grant Calculation Process (RPRGRNT)
- Hold/Release Process (RPRHDRL)
- Loan Proceeds Aging Report (RPRLNAG)
- Loan Exception Report (RPRLNEX)
- Direct Loan Record Creation (RPRLORC)
- Loan Summary Report (RPRLSUM)
- Promissory Note Print Program (RPRPNPT)
- Financial Aid Student Billing Payment Report (RPRSBPR)
- SMART Grant Eligibility Report (RPRSMRT)
- Applicant Requirements Report (RRRAREQ)
- Data Discrepancies Report (RSRDSCP)

