

Banner Student Self-Service Release Guide

May 2006

Release 7.3



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Introduction

This guide documents Release 7.3 of Student Self-Service. This includes miscellaneous enhancements as well as new problem resolutions.

Prerequisites

Before you install and use Student Self-Service Release 7.3, you must install the following releases:

- Student Self-Service Release 7.2
- Faculty and Advisor Self-Service Release 7.2 (if your site licenses Faculty and Advisor Self-Service)
- WebTailor Release 7.3
- Web General Release 7.3
- General Release 7.3
- Student Release 7.3
- Financial Aid System Release 7.4 (if your site licenses Banner Financial Aid)

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Section 1 Race/Ethnicity

This enhancement accommodates the regulatory changes delivered in Banner General to include *RACE* in all of the applicable Student forms and processes and to provide for the collection and display of the value of *RACE*. The changes made to Student Self-Service are discussed in this section. The Prospects and Admissions modules in Student Self-Service also capture the new ethnicity category and race data. For complete information about the enhancements to Banner Student, see the *Student 7.3 Release Guide*.

This enhancement supports the changes delivered in Banner Human Resources to collect and report on ethnicity, ethnic category (Hispanic/Non-Hispanic), and race separately, and to collect and report on multiple races for an individual. Refer to the *SCT Banner Human Resources 7.1.2 Release Guide* for more information on this previously released functionality.

Changed Web Pages

The following Web pages were modified for this enhancement:

- “Prospect Data Entry (bwskwpro.P_WebProspectMain) (Prospect Self-Service)” on page 7
- “Personal Information (bwskapers.P_DisAppPersonal) (Admission Self-Service)” on page 8

Prospect Data Entry (bwskwpro.P_WebProspectMain) (Prospect Self-Service)

The following fields were added to this page in the Prospect Ethnicity/Race section.

Fields	Descriptions
Ethnic Category	Category of the prospect’s ethnicity. Values are <i>None</i> , <i>Not Hispanic or Latino</i> , and <i>Hispanic or Latino</i> .
Race	Description of the prospect’s race. Multiple races can be selected.

Setup Requirements

Item	Description
Web for Prospects Display Rules Form (SRAWPDS)	For each Web prospect code, specify which races you want to be displayed in the Race pulldown list. (Race codes are defined on the Race Rules Form [GORRACE].) If no race codes are added to SRAWPDS, all race codes will be visible and available on the Web.

Updates to Banner

<i>Data Section/Element</i>	<i>Electronic Prospect Temporary Table</i>	<i>Permanent Table</i>
ETHNICITY/RACE	SRTPERS/SARPRAC	SPBPERS/GORPRAC

Updates to SCT Banner

Item	Description
Ethnicity and ethnic category	Stored in the Temporary Personal table (SRTPERS), loaded to the permanent Basic Person table (SPBPERS), and can be viewed on the General Person Form (SPAPERS) or in the Biographical Information window of the Quick Recruit Form (SRAQUIK), the Quick Entry Form (SAAQUIK), or the General Person Identification Form (SPAIDEN).
Race	Stored in the Electronic Admissions Electronic Temporary Race table (SRTPRAC), loaded to the permanent Race table (GORPRAC), and can be viewed on SPAPERS or in the Biographical Information window of SRAQUIK, SAAQUIK or SPAIDEN.

Personal Information (bwskapers.P_DisAppPersonal) (Admission Self-Service)

The following fields were added to this page.

Fields	Descriptions
Ethnic Category	Category of the prospect's ethnicity. Values are <i>None</i> , <i>Not Hispanic or Latino</i> , and <i>Hispanic or Latino</i> .

Fields	Descriptions
Race	Description of the prospect's race. Multiple races can be selected.

Setup Requirements

Item	Description
Web Application Customized Lists Form (SAAWADP)	For each Web application type, specify which races you want to be displayed in the Race pulldown list. (Race codes are defined on the Race Rules Form [GORRACE].) If no race codes are added to SAAWADP, all race codes will be visible and available on the Web.

Updates to SCT Banner

Item	Description
Ethnicity and ethnic category	Stored in the Temporary Personal table (SARPERS), loaded to the permanent Basic Person table (SPBPERS), and can be viewed on the General Person Form (SPAPERS) or in the Biographical Information window of the Quick Recruit Form (SRAQUIK), the Quick Entry Form (SAAQUIK), or the General Person Identification Form (SPAIDEN).
Race	Stored in the Electronic Admissions Electronic Temporary Race table (SARPRAC), loaded to the permanent Race table (GORPRAC), and can be viewed on SPAPERS or in the Biographical Information window of SRAQUIK, SAAQUIK or SPAIDEN.

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Section 2 Concurrent Curricula Phase 4 - Functional

Banner 7.0 introduced the first phase (of several) of the Concurrent Curricula enhancements in the Banner Student, Student Self-Service, and Faculty and Advisor Self-Service products. When the overall project is completed, an institution will be able to admit, enroll, and graduate a learner for an unlimited number of programs within the same term or across academic periods defined by the institution or the learner.

This phase of the enhancement expands existing concurrent curricula functionality in the Admissions and General Student modules. For the Admissions module, Release 7.3 allows users to enter separate decision codes on multiple admissions applications for the same applicant within the same term. Previously, users were limited to entering only one decision code that would result in the creation of a learner record per applicant per entry term. New concurrent curricula functionality is also enhanced in:

- Admissions checklist processing
- Admissions rating calculation processing
- Admissions decision processing
- Admissions decision calculator processing
- Communication plan processing
- Admissions Self-Service processing

For the General Student module, the primary enhancement is that certain learner status values have been moved to the curriculum table so they can be associated with a specific program.

The changes made to Student Self-Service are discussed in this section. For complete information about the enhancements, see the *Student 7.3 Release Guide*.

This section contains the following:

- “Multiple Admissions and Student Status” on page 12
- “New Web Pages” on page 12
- “Changed Web Pages” on page 18

Multiple Admissions and Student Status

Banner Student now allows you to enter separate applicant acceptance decision codes on multiple admission applications for the same applicant within the same term. The enhancement affects the Admission Self-Service module of Student Self-Service.

New Web Pages

Application Preference (bwskaprf.p_disp_pref)

The Application Preference page allows the applicant to assign a preference to an application. If the applicant has multiple applications, they can be considered in the specified order.

Web Page Fields

Item	Description
Application Preference	Relative preference of the application. The value entered must be a whole number between 1 and 99.

Setup Requirements

Item	Description
Web User Defined Questions Form (SAAWUDQ)	Define any questions you want to be included on this Web page.
Web Application Section Rules Form (SAAWAPP)	In the main window, include a rule for the <i>PREFERENCE</i> Web section. In the Data Element Rules window for the <i>PREFERENCE</i> Web section, specify the elements you want to be displayed on this Web page.

Updates to Banner

Item	Description
Application Preference	<p>Stored in the Admissions Application Repeating Table (SARADAP) and can be viewed on the following forms:</p> <ul style="list-style-type: none"> • Admissions Application Form (SAAADMS) • Admissions Decision Form (SAADCRV) • Admissions Decision and Rating Batch Entry Form (SAADCBT) • Admission Application/Checklist Summary Form (SAAACKL) • Admissions Rating Form (SAARRAT) • Application Questions and Answers Form (SAAQUAN) • Admissions Application Summary Form (SAASUMI) • Electronic Application Process Form (SAAEAPS) • Electronic Admission Submitted Form (SAAETBL)
Question answers	<p>Stored in the Electronic Admissions Request for Information table (SARRQST) and can be viewed on SAAETBL.</p>

Links to Other Web Pages

Link	Action
Return to Checklist without saving changes	Goes to the Application Checklist page (bwska1og.P_Displndex) without saving changes made to this page.

Buttons on This Page

Button	Action
Checklist	Goes to the Application Checklist page (bwska1og.P_Displndex).
Continue	Goes to the page for the next application section as specified by the display order number on the Web Application Section Rules Form (SAAWAPP) for the application type.

Buttons on This Page

Button	Action
Finish Later	Goes to the Application Menu (bwskanam.P_ProcAppName).

Web Menus With Links to This Page

No menus have links to these pages.

Other Web Pages With Links to This Page

Application Checklist bwska1og.P_Displndex

Planned Course of Study (bwskapln.P_Displndex)

The Planned Course of Study page has been modified to allow an applicant to specify multiple courses of study as well as secondary majors, minors, and concentrations. It can also allow the applicant to specify the priority for a course of study.

The **First Choice of Study** and **Second Choice of Study** fields were deleted. A script delivered with this release replaces these elements in the Web Application Section Rules Form (SAAWAPP).

Web Page Fields

Item	Description
Planned Course of Study	<p>The values in the pull-down list come from the following tables:</p> <ul style="list-style-type: none"> • SOBCURR • SORCMJR • SORCMNR • SORCCON <p>Once an applicant has saved a course of study, the field displays the selected major.</p>
Priority	Relative preference of the planned course of study.

Web Page Fields

Item	Description
Secondary Major	<p>The values in the pull-down list come from SORCMJR.</p> <p>The number of times this field is repeated for each course of study is specified on the Electronic Applicant Web Default Rules Form (SAAWADF).</p>
Minor	<p>The values in the pull-down list are those for which the Display on Self-Service checkbox has been checked on the Curriculum Rules Form (SOACURR) and are associated with the major selected in the Planned Course of Study field.</p> <p>The number of times this field is repeated for each course of study is specified on SAAWADF.</p>
Concentration	<p>The values in the pull-down list are those for which the Display on Self-Service checkbox has been checked on SOACURR and have been specified as base concentrations or attached concentrations for the major selected in the Planned Course of Study field.</p> <p>The number of times this field is repeated for each course of study is specified on SAAWADF.</p>

Setup Requirements

Item	Description
Web User Defined Questions Form (SAAWUDQ)	<p>Define any questions you want to be included on this Web page.</p>
Web Application Section Rules Form (SAAWAPP)	<p>In the main window, include a rule for the <i>PLAN</i> Web section.</p> <p>In the Data Element Rules window for the <i>PLAN</i> Web section, specify the elements you want to be displayed on this Web page.</p> <p>If you defined a question to be included on this Web page, specify it on the Data Element Rules window for the <i>PLAN</i> Web section.</p>
EDI Cross-Reference Curriculum Rules Form (SOAXCUR)	<p>The Cross-reference and Web-enable curriculum rules are no longer defined on this form. The Curriculum Rules Form (SOACURR) is now used to define these rules.</p>

Setup Requirements

Item	Description
Curriculum Rules Form (SOACURR)	Define cross-reference and Web-enable curriculum rules. (These were previously defined on the EDI Cross-Reference Curriculum Rules Form [SOAXCUR].)
Web Application Customized Curriculum Form (SAAWCUR)	If desired, restrict curriculum rules by application type.
Electronic Admissions Application Rule Form (SAAERUL)	The ONEAPPORTWO label is no longer used on this form. The Create One Application checkbox on the Electronic Applicant Web Default Rules Form (SAAWADF) replaces this functionality.
Electronic Applicant Web Default Rules Form (SAAWADF)	<p>On the Matching and Processing Rules tab, take the following actions.</p> <p>Enter the number of times you want the following displayed on this Web page:</p> <ul style="list-style-type: none"> • Majors (using the Maximum Number of Majors field) • Minors (using the Maximum Number of Minors field) • Concentrations (using the Maximum Number of Concentrations field) • Secondary majors (using the Maximum Number of Additional Majors field) <p>Use the Create One Application checkbox to specify whether you want the system to create a single application or separate ones.</p> <p><i>checked</i> one application will be created for all planned courses of study entered by applicant</p> <p><i>unchecked</i> a separate application will be created for each Planned Course of Study entered by applicant</p>

Updates to Banner

Item	Description
Choices of study	<p>Stored in the Electronic Admissions Entry-Exit Dates Table (SARETRY) and the Electronic Admissions Date - Field of Study Table (SAREFOS) and can be viewed on the Electronic Admission Submitted Form (SAAETBL).</p> <p>When the application is pushed to Banner, the SORLCUR and SORLFOS tables are also updated.</p>
Question answers	<p>Stored in the Electronic Admissions Request for Information table (SARRQST) and can be viewed on SAAETBL.</p>

Links to Other Web Pages

Link	Action
Return to Checklist without saving changes	<p>Goes to the Application Checklist page (bwska log.P_Dis pIndex) without saving changes made to this page.</p>

Buttons on This Page

Button	Action
Checklist	<p>Goes to the Application Checklist page (bwska log.P_Dis pIndex).</p>
Continue	<p>Goes to the page for the next application section as specified by the display order number on the Web Application Section Rules Form (SAAWAPP) for the application type.</p>
Finish Later	<p>Goes to the Application Menu (bwska nam.P_ProcApp Name).</p>

Changed Web Pages

Application Menu (bwsalog.P_DispChoices)

The **Application Preference** field has been added to the Applications in Progress, Submitted Applications, and Processed Application sections. If no preference was specified, the value *Not entered* is displayed.

Web Application Summary (bwskasta.P_DispStatus)

The **Application Preference** field has been added. If no preference was specified, the value *Not entered* is displayed.

Section 3 e-Bill Enhancement - Functional

This section includes information about the e-bill enhancement delivered with this release. With this enhancement, students and office staff can now access billing statements, payment history, and account activity since the last statement. Students and office staff will also be able to access a printable version of the statement output, once it has been stored. This information is available via Banner and Self-Service.

The changes made to Student Self-Service are discussed in this section. For complete information about the enhancement, see the *Accounts Receivable 7.3 Release Guide*.

New Web Page

Statement and Payment History (bwsksphs.P_ViewStatement)

This page enables students to view and print their current and stored statements, payment history, and unbilled activity for an account.

Students can view previous statements and payment history as defined by the institution on the Accounts Receivable Billing Control Form (TGACTRL).

Accessing the Statement and Payment History Page

When you choose the Statement and Payment History link from the Student Account menu, the system displays a page with four different tabs at the top. Select the appropriate tab to display the information you want to review.

<i>Tab Label</i>	<i>Type of Information</i>
Statement	Current statement.
Payment History	Recorded payments for the account.
Unbilled	Account activity that has not been billed yet.
All	Cumulative display of all the information on the other tabs.

Web Page Fields - Statement Tab

This section includes information about the most recent statement.

The screenshot displays the SUNGARD HIGHER EDUCATION web interface. At the top, there is a header with the SUNGARD logo and 'HIGHER EDUCATION'. Below this, a navigation bar contains 'Personal Information' and 'Student and Financial Aid'. A search bar is located on the left, and 'RETURN TO MENU', 'SITE MAP', 'HELP', and 'EXIT' are on the right. The main content area is titled 'Statement and Payment History' and includes a sub-header with tabs for 'Statement', 'Payment History', 'Unbilled', and 'All'. The 'Statement' tab is active, showing 'Statements available for review since 12/01/05'. Below this, the 'Account Balance' is listed as '\$12.88'. A 'Select Statement Bill Date' dropdown menu is set to '01/14/06', with a 'View Statement' link next to it. A 'Statement Summary' section shows 'Amount Due: \$275.00' and 'Due Date: 02/12/06'. At the bottom, there are links for '[Account Summary | Account Summary by Term | Account Detail for Term | Credit Card Payment]', the text 'RELEASE: 7.3', and the SUNGARD logo with 'powered by' text.

Fields	Descriptions
Statements available for review since	Indicates the availability date for statements. The dates available for students to review are determined by the number of months entered in the Statement History field on the Accounts Receivable Billing Control Form (TGACTRL).
Account Balance	Current Account Balance as of today.
Select Statement Bill Date	Pull-down list that enables the user to choose the date for the statement they would like to review. The dates available in this pull-down list for students to review are determined by the number of months entered in the Statement History field on the Accounts Receivable Billing Control Form (TGACTRL).
View Statement	Hypertext link to the statement for the selected date.
Amount Due	Total amount due at the time of billing.
Due Date	Date payment is due.

Web Page Fields - Payment History Tab

This tab enables you to review payment history for an account. Transactions that display in payment history are detail codes marked as Payment History on the Detail Code Control forms (TSADETC or TFADETC). For more detailed information on marking a detail code as Payment History, refer to the *Accounts Receivable 7.3 Release Guide*.

The screenshot shows the SUNGARD HIGHER EDUCATION web interface. At the top, there is a search bar and navigation links: RETURN TO MENU, SITE MAP, HELP, EXIT. Below this, the page title is "Statement and Payment History" with a timestamp "EBILL ShowMe MyBill 04/12/06 03:51 pm". The "Payment History" tab is selected. The page displays "Payments since 12/01/05" and "Account Balance: \$12.88". A table of payment history entries is shown with the following data:

Post Date	Term	Description	Amount	Bill Date
02/05/06	Spring 2005-2006	Refund to Student	-\$125.00	
02/03/06	Spring 2005-2006	Lock Box Payment	\$400.00	
01/08/06	Spring 2005-2006	Check	\$9,075.00	01/14/06

At the bottom, there are links for "[Account Summary | Account Summary by Term | Account Detail for Term | Credit Card Payment]" and the text "RELEASE: 7.3". The page is powered by SUNGARD HIGHER EDUCATION.

Fields	Descriptions
Payments since	Identifies beginning date for which payments are listed. The availability date specified here is determined by the payment history cut-off date. This date is calculated using the number of months entered in the Payment History field on the Accounts Receivable Billing Control Form (TGACTRL).
Account Balance	Current Account Balance as of today.
Post Date	Date the payment was posted to the account (shown in Banner as Entry Date).
Term	Term associated with the payment.
Description	Description of the transaction.
Amount	Amount of the transaction.

Fields	Descriptions
Bill Date	Date transaction was billed on a statement. A blank in this field indicates that the transaction has not yet appeared on a statement.

Web Page Fields - Unbilled Tab

This section contains information about activity posted to the account since the last statement was generated, as well as transactions that had a future effective date at the time of billing.

The screenshot shows the SUNGARD Higher Education web interface. At the top, there is a navigation bar with 'Personal Information' and 'Student and Financial Aid' tabs. Below this is a search bar and a 'Go' button. The main content area is titled 'Statement and Payment History' and includes a sub-tab for 'Unbilled'. The 'Unbilled Account Activity' section shows an 'Account Balance: \$12.88'. Below this is a table of transactions:

Effective Date	Term	Description	Charge	Payment Post Date
02/10/06	Spring 2005-2006	Library Fine	\$12.88	02/10/06
02/05/06	Spring 2005-2006	Refund to Student	\$125.00	02/05/06
02/03/06	Spring 2005-2006	Lock Box Payment	\$400.00	02/03/06

At the bottom of the screenshot, there are links for '[Account Summary | Account Summary by Term | Account Detail for Term | Credit Card Payment]', the text 'RELEASE: 7.3', and the SUNGARD Higher Education logo.

Fields	Descriptions
Account Balance	Current Account Balance as of today.
Effective Date	Effective date of the transaction.
Term	Term associated with the transaction.
Description	Description of the transaction.
Charge	Charge amount of the transaction.

Fields	Descriptions
Payment	Payment amount of the transaction.
Post Date	Date the charge or payment was posted to the account (shown in Banner as Entry Date).

Web Page Fields - All Tab

This tab enables you to access a cumulative display of all the information displayed on the other tabs. For descriptions of each field, refer to the following:

- “Web Page Fields - Statement Tab” on page 20
- “Web Page Fields - Payment History Tab” on page 21
- “Web Page Fields - Unbilled Tab” on page 22

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Personal Information Student and Financial Aid

Search Go RETURN TO MENU SITE MAP HELP EXIT

Statement and Payment History EBILL ShowMe MyBill 04/12/06 03:53 pm

Statement Payment History Unbilled **All**

Statements available for review since 12/01/05

Account Balance: \$12.88

Select Statement Bill Date: 01/14/06 View Statement

Statement Summary

Amount Due: \$275.00
Due Date: 02/12/06

Payments since 12/01/05

Post Date	Term	Description	Amount	Bill Date
02/05/06	Spring 2005-2006	Refund to Student	-\$125.00	
02/03/06	Spring 2005-2006	Lock Box Payment	\$400.00	
01/08/06	Spring 2005-2006	Check	\$9,075.00	01/14/06

Unbilled Account Activity

Effective Date	Term	Description	Charge	Payment Post Date
02/10/06	Spring 2005-2006	Library Fine	\$12.88	02/10/06
02/05/06	Spring 2005-2006	Refund to Student	\$125.00	02/05/06
02/03/06	Spring 2005-2006	Lock Box Payment	\$400.00	02/03/06

[Account Summary | Account Summary by Term | Account Detail for Term | Credit Card Payment]

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Changed Web Pages

Links are enabled at the bottom of several Web pages by the seed data included in this release. Bottom links can be customized via WebTailor Administration.

Statement and Payment History Page (bwsksphs.P_ViewStatement)

Links on the Statement and Payment History page enable users to access different pages, as summarized in the following chart.

<i>Link</i>	<i>Action</i>
Account Summary	Goes to the Account Summary page (bwskoacc.P_ViewAcctTotal).
Account Summary by Term	Goes to the Account Summary by Term page (bwskoacc.P_ViewAcct).
Account Detail for Term	Goes to the Account Detail for Term page (bwskoacc.P_ViewAcctTerm).
Credit Card Payment	Goes to the Credit Card Payment page (bwckcpmt.P_CreditCardPayment).

Account Summary (bwskoacc.P_ViewAcctTotal)

A link to the Statement and Payment History page has been added to the Account Summary page.

Account Summary by Term (bwskoacc.P_ViewAcct)

A link to the Statement and Payment History page has been added to the Account Summary by Term page.

Account Detail for Term (bwskoacc.P_ViewAcctTerm)

A link to the Statement and Payment History page has been added to the Account Detail for Term page.

New Menu

Student Account

A new Student Account menu has been added to the Student and Financial Aid menu to streamline access to account information.

- Links to account information were removed from the Student Records menu and moved to the new Student Account menu.
- This page includes a link to student holds. This link still appears on the Student Records menu.

Changed Menu

The Student Account link has been added to the Student and Financial Aid menu.

This page intentionally left blank

Section 4 Concurrent Curricula Phase 4 - Technical

The information in this section is identical to that delivered in the *Student 7.3 Release Guide*.

Changed Tables

Web Admissions Application Default Data and Rules Table (SARWADF)

New columns have been added to the table for use with processing multiple applications in Admissions Self-Service.

SARWADF_ONE_REC_APPL_IND	NOT NULL	VARCHAR2(1)
SARWADF_MAX_MAJORS		NUMBER(2)
SARWADF_MAX_MINORS		NUMBER(2)
SARWADF_MAX_CONCENTRATIONS		NUMBER(2)
SARWADF_MAX_ADDL_MAJORS		NUMBER(2)

The SARWADF_ONE_REC_APPL_IND column defaults to *Y*, indicating that one application record will be created with multiple curricula/fields of study.

The comments on column are:

- **ONE APPLICATION ROW INDICATOR:** Indicates if all curriculum data for the applicant should be associated with one application or one application for each curriculum.
- **MAXIMUM ADDITIONAL MAJORS:** Maximum number of additional majors per major curriculum to display on the Web Application for data entry.
- **MAXIMUM MAJORS:** Maximum number of majors to display on the Web Application for data entry.
- **MAXIMUM MINORS:** Maximum number of minors per major curriculum to display on the Web Application for data entry.
- **MAXIMUM CONCENTRATIONS:** Maximum number of concentrations per major curriculum to display on the Web Application for data entry.

Curriculum Minor Rules Table (SORCMNR)

New columns have been added for the EDI and Self-Service block in the Minors window of SOACURR. This allows you to Web-enable minors in Admissions Self-Service.

SORCMNR_EDI_QLFR		VARCHAR2(2)
SORCMNR_EDI_VALUE		VARCHAR2(30)
SORCMNR_DISP_WEB_IND	NOT NULL	VARCHAR2(1)
SORCMNR_DESC		VARCHAR2(60)

The comments on column are:

- **EDI QUALIFIER:** EDI qualifier code associated with the EDI value.
- **EDI VALUE:** EDI field of study identifier associated with the minor rule.
- **WEB DISPLAY INDICATOR:** Indicator denoting whether the minor rule should display on Web List of Values.
- **MINOR DESCRIPTION:** Minor rule description to be displayed on Web.

A new non-unique index has been added to SORCMNR. This index is used to retrieve records by the EDI codes.

<i>INDEX</i>	<i>UNIQUE</i>
SORCMNR_KEY_INDEX2	NONUNIQUE

<i>INDNAME</i>	<i>COL</i>	<i>POS</i>
SORCMNR_KEY_INDEX2	SORCMNR_CURR_RULE	1
SORCMNR_KEY_INDEX2	SORCMNR_EDI_QLFR	2
SORCMNR_KEY_INDEX2	SORCMNR_EDI_VALUE	3

Concentration Curriculum Rules Table (SORCCON)

New columns have been added for the EDI and Self-Service block in the Majors-Dependent Concentrations window of SOACURR. This allows you to Web-enable concentrations in Admissions Self-Service

SORCCON_EDI_QLFR		VARCHAR2(2)
SORCCON_EDI_VALUE		VARCHAR2(30)
SORCCON_DISP_WEB_IND	NOT NULL	VARCHAR2(1)
SORCCON_DESC		VARCHAR2(60)

The comments on column are:

- **EDI QUALIFIER:** EDI qualifier code associated with the EDI value.
- **EDI VALUE:** EDI field of study identifier associated with the concentration rule.

- **WEB DISPLAY INDICATOR:** Indicator denoting whether the concentration rule should display on Web List of Values.
- **CONCENTRATION DESCRIPTION:** Concentration description to be displayed on Web.

A new non-unique index has been added to SORCCON. This index is used to retrieve records by the EDI codes.

<i>INDEX</i>	<i>UNIQUE</i>
SORCCON_KEY_INDEX2	NONUNIQUE

<i>INDNAME</i>	<i>COL</i>	<i>POS</i>
SORCCON_KEY_INDEX2	SORCCON_CURR_RULE	1
SORCCON_KEY_INDEX2	SORCCON_EDI_QLFR	2
SORCCON_KEY_INDEX2	SORCCON_EDI_VALUE	3

Changed Packages/Procedures

Admissions Push Package (SAKL010)

This package is used to push the application curriculum and field of study data from the application temporary tables in Banner. It has been modified to check the values in the Matching and Processing Rules window on SAAWADF for Web matching rules, Web display rules, and automated processing rules for the Web application type and effective term in the Key Block.

The values in the Matching and Processing Rules window specify what should happen for the given Web record when it is pushed to Banner (i.e, whether a recruiting record, an application record, and/or a general student record is created).

The package will also check the setting of the new **Create One Application** checkbox (SARWADF_ONE_REC_APPL_IND) on SAAWADF to determine if one application should be created with all the curriculum data assigned to that one record, or if one application should be created for each major that has been entered. If the indicator is checked (set to *Y* and the default setting), then only one record will be created. If the indicator is unchecked (set to *N*), then multiple records will be created, one for each major that has been entered.

Pushing Curriculum Data

The SAKL010 package is used to push curriculum data to the SORLCUR and SORLFOS tables. Before inserting rows into SORLCUR and SORLFOS, this package first determines if the curriculum conversion routine should be run. If a person is matched to an existing Banner ID, the process determines if any rows exist in SORLCUR/SORLFOS for that ID/PIDM. If none exist, then the curriculum conversion is run to ensure that all pre-7.0 curriculum data is now stored in SORLCUR and SORLFOS. If the person is new, then the conversion does not need be run.

Currently, curriculum data is moved or pushed from the temporary tables to Banner in a backward process. When a major (or minor or concentration beginning with Release 7.3) is entered in Student Self-Service, a row is stored in SARETRY (for the curriculum), and another row is stored in SAREFOS for the major, (minor or concentration). These rows contain data for the degree and field of study from SOBCURR. A function is then called which matches that data (the degree and field of study identifier) to the corresponding curriculum row/major in SOBCURR/SORCMJR. This process will continue to function in almost the same way for Release 7.3, except it has been expanded to now handle minors and concentrations. As fields of study (majors, minors, and concentrations) are selected/entered in Student Self-Service, an entry will be made into the SARETRY table for curriculum and the SAREFOS table for majors, minors and concentrations.

The logic for creating a single application record is as follows:

1. The process determines the SOBCURR rule to be used for the entered field of study (i.e, major, minor, or concentration).
2. If the SARWADF_ONE_REC_APPL_IND field is set to *Y*, then all majors, minors, and/or concentrations entered will be stored on one application instead of on multiple applications. If this indicator is set to *N*, skip to step 5.
3. If the curriculum rule that is returned already exists for the application in SORLCUR (and is active and current), it will not exist for the first field of study. However, the process will loop, and if two majors from the same curriculum are entered, only one row will exist on SORLCUR.
 - (a) If no matching curriculum rule already exists for the record, the process inserts an SORLFOS row for the field of study type (SAREFOS_FLVL_CDE cross-referenced against GTVLFST) and the field of study using the next value from a counter as the priority for the SORLFOS row.
 - (b) If a matching curriculum rule already exists for the record so there is no need to insert one, the process inserts an SORLFOS row for the field of study type (SAREFOS_FLVL_CDE) and field of study using the incremented counter value.

4. Steps 1 - 3 are repeated by the process by SARETRY_SEQNO value, and within each SARETRY_SEQNO value by SAREFOS_SEQNO value. At this point, the storage of all curricula data for this application will be complete.

The logic for creating a multiple application records (i.e., one record per major entered instead of one record containing all curricula data) is as follows:

1. The process selects the first major (SARETRY_SEQNO is 1) and creates a new record.
2. The process inserts an SORLFOS row for the field of study type (SAREFOS_FLVL_CDE cross-referenced against GTVLFST) and the field of study using the next value from a counter as the priority for the SORLFOS row.
3. When all the SAREFOS records for a given SARETRY row have been entered, the process determines if another SARETRY row exists. If one does exist, a new record is created, and step 2 above is repeated. If no additional SARETRY rows exist, the process is finished.

Note: The SAREFOS_FLVL_CDE field value determines what type of SORLFOS row should be inserted. This value *must* be cross-referenced using SORXREF (with a cross-reference label of *GTVLFST*) to determine the correct row type (major, minor, or concentration). The values for *MAJOR*, *MINOR*, and *CONCENTRATION* are delivered as seed data. If additional types are developed at your institution for Self-Service, and/or you use EDI applications with other values, then those values *must* also be cross-referenced using SOAXREF/ *GTVLFST*.

<i>Field</i>	<i>Value</i>	<i>Description</i>
SAREFOS_FLVL_CDE	<i>M</i>	Major
SAREFOS_FLVL_CDE	<i>N</i>	Minor
SAREFOS_FLVL_CDE	<i>C</i>	Concentration

Seed Data

STVWSCF

New seed data values are delivered for use with curriculum processing. Two existing values have been removed.

The new values are:

<i>Element Code</i>	<i>Description</i>	<i>System Required</i>	<i>Web Section</i>
MAJOR	Major	Y	PLAN
MINOR	Minor	Y	PLAN
CONCENTRATION	Concentration	Y	PLAN

The obsolete values are:

<i>Element Code</i>	<i>Description</i>	<i>System Required</i>	<i>Web Section</i>
MAJOR1	First Choice of Study	Y	PLAN
MAJOR2	Second Choice of Study	Y	PLAN

Section 5 Miscellaneous Enhancements

This section lists the miscellaneous enhancement included in Releases 7.3.

Admission Self-Service

bwskasta The status of checklist items is now displayed on the Application Summary page (bwskasta.P_Dispatch_StatusSaradap). The **Web Indicator** checkbox on the Admissions Checklist Status Validation Form (STVCKST) must be checked for each application checklist status that you want to be available on the Web. Refer to the *Student 7.3 Release Guide* for information about the enhancements to checklist functionality.

Transcripts

bwskwtrr Banner Student has been modified to allow institutions to send transcripts formatted in XML. Refer to the *Student 7.3 Release Guide* for information about setting up Banner Student for this functionality.

The Transcript Request Summary page (bwskwtrr.P_Dispatch_Payment_Type) has been changed so that if a student chooses an institution that has been set up on the updated Source/Background Institution Code Validation Form (STVSBGI) as *PESC* or *EDI*, the student is presented with the option of requesting that the transcript be sent either electronically or by paper. If electronic is chosen and the institution is set up as PESC-capable, a value of *P* is inserted into the Transcript Request Table (SHTTRAN). All processing changes are behind the scenes and are not displayed to the student user.

This modification also allows a student's test scores and other institution-defined data to be included on an XML transcript.

Note: These features can be included *only* on XML transcripts.

The following fields have been added to the Transcript Type Rules Form (SHATPRT). If you want any of these to be included on XML transcripts, select the appropriate checkboxes.

Select this checkbox

To display

The following fields affect XML transcripts only.

Test Scores	Test scores included on the Test Score Information Form (SOATEST).
College Transcript UDE	Institution-defined information about the college transcript.
Student UDE	Institution-defined information about the student.
Academic Record UDE	Institution-defined information about the student's academic record.
Course UDE	Institution-defined information about the course.

Section 6 Problem Resolutions

This section lists the problem resolutions included in Releases 7.3.

Admission Self-Service

bwskape1	(#1-44SLH) Description: The SSN field on the Personal Information page (bwskapers.P_DisAppPersonal) accepts non-numeric values of 11 characters for the format of 111-11-1111, however, it also allows for such entries as: 582*49*12 or !!!!!!!!! (any nine characters). Impact: Invalid characters may load to Banner. The SSN is defined as VARCHAR2 and should be set to accept only nine numeric characters. Resolution: The procedure p_dispapppersonalinternal has been modified to allow only numeric characters.
bwskapm1	(#CMS-DFCT87486) Description: An Oracle error is displayed after submitting credit card payment in admissions (bwskapmt.P_CCPaymentStatus) when the credit card description on GOAMERC is greater than 30 characters. Impact: Long merchant descriptions in GOAMERC failed to insert them into tbraccd_desc or tbrmisd_desc, and the user received an Oracle error. Resolution: In payment calls to tb_misc_detail.p_create, the system now truncates the p_desc parameter to 30 characters.

Registration

bwckfrm1 bwskoffh bwskoff1	(#CMS-DFCT93263) Description: When accessing registration links on the Week at a Glance, Student Detail Schedule, or Active Registration, the hyperlink to the assigned or associated instructor for the CRN shows the office hours, and the URL shows the ID of the instructor. Impact: Allowing student users to view faculty IDs could be a potential security issue. Resolution: The package bwckfrm1.p_instructor_links was changed to pass the name of the faculty member, rather than ID, to bwskoffh.p_display_office_hours, and that name is now matched with the names in SIRASGN for the applicable term/CRN, to extract the PIDM.
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- bwckgen1 (#1-7A3XX)
Description: The course title on the Student Detail Schedule does not have a dash separating the course number from the sequence number, as it does on the unsecured Class Schedule. This is causing some confusion for the students.
Impact: A dash was missing on the Student Detail Schedule between the course and subject numbers (like on the Class Schedule) and this was causing some confusion.
Resolution: In `P_DispcrseSchdDet1` and `p_disp_active_regs`, whenever displaying `ssbsect_seq_num`, there is now a dash between this and the `crse_num`.
- bwcklibs (#1-4D71T)
Description: Students who do not have a SFBETRM record for the registration term *and* have a registration hold on their record are being prevented from registration, even though SOATERM holds are set to No Checking. This should allow students in the particular term the ability to register even if they have holds.
Impact: Students without an SFBETRM record were incorrectly being stopped for holds that were on their record when hold checking is turned off on SOATERM.
Resolution: Set contexts in `p_add_sfbetrm` and `p_upd_sfbetrm` to prevent the new `sb_enrollment` API from checking holds, as it does not take the SOATERM holds checking flag into account.
- bwskogr1 (#1-4JFQV)
Description: When displaying the Final Grades page (`bwskogr.P_ViewGrde`), no course title appears for pre-catalog courses (set up on SHACRSE) since no schedule/catalog exists. Package BWSKOGRD calls procedure `bwcklibs.f_course_title` to display the course title.
Impact: When displaying the Final Grades page (`bwskogr.P_ViewGrde`), no course title appears for pre-catalog courses (set up on SHACRSE) since no schedule/catalog exists.
Resolution: An NVL function was added to convert nulls returned from `bwcklibs.f_course_title` to `shrtckg_viewc_rec.shrtckn_crse_title`. A hierarchy was set up to look for course titles. If a course title does not exist in a Registration record, the system now looks in the Academic History record.
- sfrct1.sql (#1-47ZA9)
Description: Cursor `sfrctr1_row_by_term_c` is appending `59` as the seconds to `sfrctr1_hour_begin`.
Impact: When a record is entered in SFARGTC for a group to begin at a certain time, registration is not permitted in self-service until one minute after the start time.
Resolution: Cursor `sfrctr1_row_by_term_c` was modified to add `00` as the seconds at the end of the `hour_begin`, rather than `59`.

Student Records

Credit Card Payments

bwckcpm1
bwskapm1
bwskwcc1

(#1-5PGYL, #1-9CUSR, and #1-AOV0B)

Description: Credit card numbers are stored in plain text in TWGRWPRM.

Impact: Credit card numbers were being stored, which is a security breach.

Resolution: The calls for label WEBCCNUM were changed to `twbkwbis.p_setparam` and `p_getparam` to encrypt and decrypt the card number using `twbkbssf.f_encode` and `f_decode_base64`, respectively.

When storing credit card numbers in the WebTailor temporary parameters table, the values are now encrypted so if there is a system failure, any values that may be left in the table are unreadable.

bwckcpm1

(#CMS-DFCT101582)

Description: Using a multiple merchant ID hierarchy with admissions credit card payments (*USEAPPCCID* set to *Y* on the Crosswalk Validation Form [GTVSDAX]), if an applicant uses the Change Information button to change their credit card information, the system was using the default merchant ID instead of the ID defined in the hierarchy.

Impact: The incorrect merchant ID was being used.

Resolution: The call to `bwgkccrd.p_validation_display` was changed, passing `OapfStoreID` for the `OapfStoreId` parameter in addition to the `sub_code_in` parameter. When information is changed on the credit card information page and then submitted, the system now passes the previously determined merchant ID, rather than re-extracting it, as the information required to extract it correctly is no longer available at this point.

bwskwcc1
bwskapm1

(#1-9E55F)

Description: If a student has an A/R hold (A/R is checked on STVHLDD), they get all the way through the transcript order but at the end, when they try to make a credit card payment, they get an error message indicating that they have a hold and cannot complete the transaction. Their credit card gets billed for the charge but the transcript order is not recorded in the transcript request table and no charge or payment is entered in Accounts Receivable (TBRACCD).

Impact: Payments were not being allowed when A/R holds existed, creating charges against the student's credit card but not recording the transcript request.

Resolution: Payments are now allowed when A/R holds exist, as this is how the system was intended to behave, and did up until API conversion. The call to `tskmods.p_insert_tbraccd_rec` was altered to override holds checking.

Grades

bwckfrm1

(#1-5PGYL)

Description: A user must go into a second curriculum display page before the learner curriculum conversion process is run.

Impact: Learner curriculum conversion not being done on first display of learner curriculum, which causes nothing to be displayed unless additional navigation was completed.

Resolution: In `p_student_curriculum`, the logic intended to call the recruit and outcome conversion functions was corrected to ensure that both get called in all circumstances, as before only the recruit function was getting called the first time `p_student_curriculum` was called due to the nature of OR condition checking.

(#1-5QAG7)

Description: The Curriculum Information section of the General Student Information page (`bwskgstu.P_StuInfo`) no longer displays the admit term, admit type, and catalog term.

Impact: These three items are part of curriculum data and should be displayed.

Resolution: The display of admit term, admit type, and catalog term values has been added to `p_student_curriculum`.

(#CMS-DFCT105924)

Description: All curriculum fields need to display on student status and grade pages in self-service.

Impact: Pages containing curriculum information are not displaying the complete secondary curriculum information.

Resolution: The extraneous check for `p_tprt_code` is null was removed from the sections of `p_student_curriculum` and `p_degree_curriculum` that display all non-null field of study.

Transcripts

bwskwtr1

(#CMS-DFCT105916)

Description: A transcript request can be made without a value specified for either the **Issued To** or **Address** fields. In Banner Student, on SHARQTC, the **Issued** field is required, but the address is not.

Impact: There needs to be an option to allow the **Issued To** or **Address** fields to be required in Student Self-Service to avoid request records with no recipient.

Resolution: Error processing was added for all entry fields on page 1 being left null in `procs_p_disp_transcript_request_type` and `p_disp_transcript_request_data`. If all entries on the transcript address page are left blank/unselected, the system now displays an error message.

WebCAPP

bwckcap1

(#CMS-DFCT98483)

Description: On the Degree Evaluation page, when Generate New Evaluation is selected but the **Web** indicator is not checked on SMAPRLE for the student's program, the only field that shows up on the generate page is the term. When you click Generate Request it comes back with an error *Please ensure a valid program was entered* but there is no program choice. If the student's current program is not available for degree evaluation, it should not return an error and the user should not be given an option to generate a new request. As it is now, it is very confusing. The **Web** indicator turned off does work correctly with the "What-If" page; those programs without the **Web** indicator are not available in the drop-down list.

Impact: Users receive an error message that does not explain the situation properly, and the existence of a drop-down list and Submit Request button give the impression that you should be able to continue generating a request.

Resolution: For P_Dispcurrent, tables are no longer opened and closed. Instead, the four p_dispcurrentsourcexxxxxx procedures are used to open and close tables based on f_prog_web_ind.

For P_Dispevalterm, the curriculum display, term dropdown list, and Submit Request button logic are now encapsulated in conditional logic. If a program is not Web-enabled, the system displays the TWGRINFO BWCKCAPP NOCUR informational message.

bwckcap1
bwckcapp
bwckcmp1

(#CMS-DFCT102433)

Description: WebCAPP is not using maximum effective term processing. Instead, it is using the source record, as defined on the Crosswalk Validation Form (GTVSDAX) *WEBCURR*, with the maximum term on it.

Impact: WebCAPP was not using the maximum effective term logic that is used throughout the rest of Banner. If *GST* (General Student) was designated as the curriculum source for Degree Evaluations done via self-service, and if a student had more than one General Student record, WebCAPP always used the General Student record with the highest effective term on it regardless of the value entered in the "Select Current Term" step.

Resolution: For bwckcapp, the following cursors had the signature changed to add p_term_in. The sql was altered to obtain the record with max effective term processing.

- sgbstdn_prim_c
- shrdgmr_all_c
- saradap_prim_c
- srbrecre_all_c
- sgbstdn_disp_prim_c
- saradap_disp_prim_c
- shrdgmr_disp_all_c
- srbrecre_disp_all_c

For bwckcapp, the following functions had the signature changed to add p_term_in. These functions were also changed to remove the SQL and call the above new cursors.

- f_test_shrdgmr_exist(p_pidm_in, p_term_in)
- f_test_srbrecre_exist(p_pidm_in, p_term_in)
- f_test_saradap_exist(p_pidm_in, p_term_in)
- f_test_sgbstdn_exist(p_pidm_in, p_term_in)
- f_test_sgbstdn_secd(p_pidm_in, p_term_in)
- f_test_saradap_secd(p_pidm_in, p_term_in)

For bwckcapp, the following procedures had the signature changed to add p_term_in.

- P_DispcurSourceSgbstdn
- P_DispcurSourceSaradap
- P_DispcurSourceSrbrecre
- P_DispcurSourceShrdgmr
- P_Submit

For bwckcmp1, the following cursors had the signature changed. The sql was altered to obtain the record with max effective term processing.

- get_saradap_prim_c
- get_saradap_secd_c
- get_sgbstdn_prim_c
- get_sgbstdn_secd_c

For bwckcmp1, the following procedures had the signature changed.

- p_do_capp
- p_insert_smrrqcm

bwckcml

(#CMS-DFCT104219)

Description: The values for the Unused-Credits Used and Courses Used are being displayed shifted to the left so that they appear in the **Required** column instead of in the **Used** column. This detail appears on the General Requirements (bwcksm1t.P_DispcurSourceGeneralReq) and Detail Requirements (bwckcapp.P_DispcurSourceDetailReq) pages.

Impact: From previous releases, users became accustomed to seeing the credit and course values for the **In Progress** and **Unused** columns of the General Requirements and Detail Requirements pages aligned under the **Used** column. However, as of release 6.3 these values are now displayed in the **Required** column. Since it would not be logical to require any “in progress” or “unused” credits/courses, these values should be moved back to the **Used** column.

Resolution: A spacer column for the 1b1_unused section has been added.

bwcksm11

(#CMS-DFCT86256)

Description: If a rule is eliminated on SMASARA by setting the Action code to EL, the rule still displays in WebCAPP with an 'N' in the Met column. The rule should display with an *E* in the **Met** column.

Impact: Users may have difficulty interpreting compliance results correctly. In hardcopy output and in WebCAPP, requirements that have been adjusted with an action code that signifies “eliminated” should be displayed with an *E* in the **Met** column. In online compliance results forms, requirements that have been adjusted with an action code that signifies “eliminated” will not be displayed at all.

Resolution: When a rule has been eliminated, *E* is displayed in the **Met** column.

(#CMS-DFCT86257)

Description: In WebCAPP, when a course requirement has been waived for an individual student using an action code in either SMASARA or SMASGRP, the course requirement displays as though it had not been adjusted. It should be displayed with a **Met** indicator value of *Y*.

Impact: Users may not correctly interpret compliance results. Requirements that have been waived by assigning an action code that signifies “waived” should be displayed with a *Ys* in the Met column.

Resolution: When a rule has been waived, *Ys* is displayed in the **Met** column.

(#CMS-DFCT104232)

Description: Group order is displayed differently on a WebCAPP compliance vs baseline compliance. Baseline compliance displays SMAAREA's groups in order of the sets (correct). WebCAPP compliance displays the groups in alphabetical order by group codes instead of in the order of the sets (incorrect).

Impact: Compliance results viewed by WebCAPP were not consistent with those viewed via the online forms and/or hardcopy output.

Resolution: The system was modified so that WebCAPP compliance results are displayed in the same order as in baseline forms and hardcopy output.

(#CMS-DFCT105964)

Description: Experiencing an error message when attempting to perform a Degree Evaluation. The failure occurs during execution of the SMRPCMT_TEXT_C cursor. Increasing the space allocated to the program_text variable in p_format_program_hdr_text corrects the problem.

Impact: A user was likely to receive an error message if he or she tried to review the results of a compliance request when the program that was evaluated had more than 1,000 characters of text at the program level.

Resolution: The variables that hold the text (p_format_program_hdr_text, p_format_area_detail_text, and p_format_group_detail_text) were increased to 30,000.

Enrollment Verification Requests

bwskrq1

(#1-AL1SY)

Description: Terms were being sorted by description not by values.

Impact: When selecting a term for an enrollment verification request, the values in the **Term** field are sorted by the description of the term, not the term code. This results in the user having to scroll through numerous terms to find the correct selection.

Resolution: Changed cursor `stvterm_listc` to sort by `stvterm_code`.

(#1-B00M6)

Description: Records were being sorted in ascending order instead of descending order.

Impact: A user had to scroll through numerous old, processed verification requests before getting to the current ones.

Resolution: Changed cursor `sfrenr1_c` to sort by descending `sfrenr1_request_date`.

Financial Aid

bwrkrhs1

(#1-BTDH3)

Description: Fund messages that are displayed on the Award Messages page are working independently from the funds displayed on the Award for Aid Year page.

Impact: There are certain circumstances when the fund message should not be displaying based on the activity of the funds on the Award for Aid Year page, such as disabling the entire award, disabling a single fund, disabling a packaging group, disabling an award status, and when a fund is in cancelled and/or declined status.

Resolution: Fund messages on the Award Messages page are now displayed under the same conditions as the funds on the Award for Aid Year page.

Miscellaneous

bwckcom1
bwckfrm1
bwckgen1
bwckwee1
bwcksnc1
bwcksmm1

(#1-CJE0B)

Description: Date format display does not take into account internationalization of dates.

Impact: Date format display does not take into account internationalization of dates.

Resolution: `twbklibs.date_input_fmt` was replaced with `g$date.translate_format(twbklibs.date_input_fmt)`.

bwckcom1
bwckfrm1
bwckgen1
bwckwee1
bwcksnc1
bwcksmm1
bwskfsh1

(#1-CK37T)

Description: Internationalisation issues.

Impact: The display of date formats and days of the week on various self-service pages are not being converted to the local country's language.

Resolution: For the packages other than bwcksnc1 and bwcksmm1, calls were added to various g\$_date functions to allow for internationalization of the display of the various dates or days-of-week labels/hints on the pages.

The two WebCAPP packages, bwcksnc1 and bwcksmm1, required the expansion of date holding internal variables to allow for internationalization requirements.

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