

# **BANNER STUDENT SELF-SERVICE RELEASE GUIDE**

Release 8.5.1  
June 2011



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# Banner Student Self-Service 8.5.1 Release Guide

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# Introduction

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This release guide documents Release 8.5.1 of the Banner® Student Self-Service System. Release 8.5.1 includes enhancements and problem resolutions.

## Enhancements for 8.5.1

This document describes the following enhancements, which are new for Release 8.5.1.

### *Class Searches Enhancement*

The Class Searches enhancement has changed the way searches are performed in the Class Schedule module. The changes include basic search or advanced search functionality. When you select a term or date range to see available sections of courses, you can view a summary of courses for registration and then view detailed section information, or you can request an advanced search by selecting the **Advanced Search** button and selecting the various options for searching for sections.

### *Miscellaneous Enhancements*

This section includes new information for the following topics:

- Graduation application updates
- Accounts Receivable enrollment periods
- Admissions updates



# 1 Class Searches - Functional

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## Overview

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You now have a new option when searching for classes in the Look Up Classes option of Banner Student Self-Service, and from the **Look Up Classes** button when using the Add or Drop Courses page. You can perform a basic course search or an advanced search. When you select a term or date range to see available sections of courses, you can view a summary list of subjects from which to select, all of which have sections created for the term or date range. After selecting one or more subjects and using the new **Course Search** button you will then view the a list courses with the subjects and numbers which have section information created for the term or date range you requested. You can then use the **View Section** button for the Subject and Number you want to see, and the detailed section information will be displayed. Alternatively, after selecting the term or date range you can request an advanced search by not selecting a subject from the list displayed and using the **Advanced Search** button. You will then see a page in which you can select a subject or other detailed search criteria for your sections search.

## Enable Advanced Search functionality

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This section is a part of the resolutions for 1-K646TB, 1-NT2AIT, and 1-NT2AIW. Before you can use the Advanced Search functionality, all packages for Class Searches must be installed. The Advanced Search functionality does not work unless all packages are installed. Install the following packages in the following order:

1. BWCKGENS
2. BWCKGEN1
3. BWCKSCH1
4. BWCKCOM1
5. BWSKFREG
6. BWSKFRE1
7. BWSKFCL1

## Changed Web pages

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The following Web page has been modified for this enhancement to add an intermediate page that allows selection of basic or advanced search.

### Look Up Classes (bwckgens.p\_sel\_term\_date)

This page has been modified for the Classes Searches enhancement. The following modifications have been made:

- The page name has changed to “Advanced Search”
- A new package has been added `bwskfcls.P_GetCrse_Advanced`
- The **Class Search** button has been renamed to **Section Search**

### Look Up Classes (bwskfcls.P\_GetCrse)

This page is displayed when you perform a dynamic search by term or date range on the Class Schedule Search Selection page (`bwckschd.p_disp_dyn_schd`) and click **Submit**.

#### Web Page Fields

Item	Description/Source Information
Subject	Subjects available for the term or date range.

#### Buttons/Icons on This Page

Button/Icon	Action
Course Search	Goes to Look Up Classes - Course(s) Found page ( <code>bwskfcls.P_GetCrse</code> ).
Advanced Search	Goes to the Advanced Search Page ( <code>bwskfcls.P_GetCrse_Advanced</code> ).

### Look Up Classes Course(s) Found (bwskfcls.P\_GetCrse)

This page is displayed when you click **Course Search** button.

## Buttons/Icons on This Page

Button/Icon	Action
New Search	Goes to the Look Up Classes pages (bwskfreg.P_AltPin1).
View Sections	Goes to Look Up Classes Results (bwskfcls.P_GetCrse).

## Setup Requirements

Item	Description
Schedule Form (SSASECT)	For each class that you want to be available on the Web, select the <b>Voice Response and Self-Service Availability</b> checkbox.
Crosswalk Validation Form (GTVSDAX)	<p>If you want the <b>Cap</b>, <b>Act</b>, and <b>Rem</b> fields to be displayed on this page, enter <i>Y</i> in the <b>External Code</b> field for the <i>DISPENROLL</i> internal code.</p> <p>If you want the <b>WL Cap</b>, <b>WL Act</b>, and <b>WL Rem</b> fields to be displayed on this page, enter <i>Y</i> in the <b>External Code</b> field for the <i>DISPWL</i> internal code.</p> <p>If you want the <b>XL Cap</b>, <b>XL Act</b>, and <b>XL Rem</b> fields to be displayed on this page, enter <i>Y</i> in the <b>External Code</b> field for the <i>DISPXLL</i> internal code.</p>
Term Control Form (SOATERM)	<p>To enable study paths, check the <b>Enable Study Paths</b> checkbox on SOACTRL.</p> <p>To require study paths, check the <b>Study Path Required</b> checkbox on SOATERM.</p> <p>To allow changes to study paths, check the <b>Change Study Path</b> checkbox on SOATERM.</p>

## Updates to Banner

This page does not update information in the Banner database.

## Links to Other Web Pages

This Link	Action
	If multiple terms are in effect for the search and a student selects a link, the system uses the last term that is part of the date search as the term for the page to be displayed.
Week at a Glance	Goes to the Week at a Glance page ( <code>bwskfshd.P_CrseSchd</code> ).
Student Detail Schedule	Goes to the Student Detail Schedule page ( <code>bwskfshd.P_CrseSchdDet1</code> ).
View Fee Assessment	If only one term is in effect for the search, goes to the Registration Fee Assessment page ( <code>bwskffee.P_FeeAsses</code> ).

## Advanced Searches (`bwskfcls.P_GetCrse_Advanced`)

This page is used to search for available classes. Searches for looking up classes can be performed by term or date range. The **Subject** field will include only subjects for which classes exist for the term or selected date range and that are Web-enabled on the Subject Code Validation Form (STVSUBJ). The Advanced Search functionality allows classes to be searched if the registration status codes are inactive, but searching by the part-of-term is not allowed. Look Up Classes can be viewed outside of the Web registration dates (although no registration activity can be performed).

The Select Study Paths pages (`bwckcoms.P_StoreStudyPath`) or (`bwckcoms.P_StoreMultiStudyPath`) are displayed from this page with a list of study paths for all terms from which courses have been selected for registration.

When the Advanced Search page is used to search for a course by term, the student can select a study path to apply to the courses that will be returned by the search. When this page is used to search for courses using a date range that spans multiple terms, the student can select CRNs for multiple terms and select a valid study path for each term. This allows the student to choose different study paths for each term when multiple terms are selected.

The Web Display List Customization Form (SOAWDSP) is used to specify which values for validation codes (except for subject validation codes) are to be made available on the Web. Web availability for subject codes is defined on the Subject Code Validation Form (STVSUBJ).

The Web Registration Dates block of SOATERM is used as an overall control in turning off registration for periods of time for all types of courses.

After entering search criteria, the student can click on the **Section Search** button to perform the search.

## Information and Help Text

The following Information Text must be reviewed and updated as needed for your institution.

Item	Description/Source Information
bwskfcls.P_GetCrse Label: DEFAULT	You can update this text to: <ul style="list-style-type: none"><li>• Reflect that checkboxes are not displayed if the person is not able to register</li><li>• Provide more specific instructions to your students.</li></ul>
bwskfcls.P_CrseSearch_Advanced Label: DEFAULT	You can update this text to provide more specific instructions for your students.

The following Help Text must be reviewed and updated as needed for your institution.

Item	Description
bwskfcls.P_CrseSearch Label: HELP	You can update this text to provide more specific instructions for your students.
bwskfcls.P_GetCrse Label: HELP	You can update this text to: <ul style="list-style-type: none"><li>• Reflect that checkboxes are not displayed if the person is not able to register</li><li>• Provide more specific instructions to your students.</li></ul>
bwskfcls.P_CrseSearch_Advanced Label: HELP	You can update this text to provide more specific instructions for your students.

## Web Page Fields

Item	Description/Source Information
Subject	Course subjects from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Course Number	CRN for which the user wants to view classes. The user can enter up to five digits or use the wildcard character (%) (that is, a search for 2% retrieves all CRNs beginning with 2).

## Web Page Fields

Item	Description/Source Information
Title	Course name. The user can enter up to 30 characters or use the wildcard character % (that is, a search for %introduction% retrieves all courses with the word “introduction” in the title).
Schedule Type	Schedule types from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Instructional Method	Instructional methods (for example, <i>Traditional</i> , <i>Web-Based</i> , etc.) from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Credit Range	Range of credit hours for which the user wants to view classes. (For example, this could be used if a student cannot take more than a particular amount of credits.)
Campus	Campuses from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Course Level	Level of courses from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Part of Term	Parts of term (for Open Learning courses) from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Duration	Duration periods for Open Learning courses from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Instructor	Instructors from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).  The last name prefix is displayed, if applicable.

## Web Page Fields

Item	Description/Source Information
Session	Sessions from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Attribute Type	Course attributes from which the user can choose for display on the Web. The user can select multiple values using the Shift key (to select consecutive values) and/or Ctrl key (to select non-consecutive values).
Start Time	Class start time the user wants to display on the Web. To display all start times, the <b>Hours</b> and <b>Minutes</b> fields must be set to <i>00</i> .
End Time	Class end time the user wants to display on the Web. To display all end times, the <b>Hours</b> and <b>Minutes</b> fields must be set to <i>00</i> .
Days	Class days the user wants to display on the Web. To display all days, the checkboxes must all be cleared.

## Setup Requirements

This page is controlled by the setup of your class schedule. See [Chapter 3, “Class Schedule”](#), for more information.

To use study paths, use the setup requirements below.

## Setup Requirements

Item	Description
Term Control Form (SOATERM)	To enable study paths, check the <b>Enable Study Paths</b> checkbox on SOACTRL.  To require study paths, check the <b>Study Path Required</b> checkbox on SOATERM.  To allow changes to study paths, check the <b>Change Study Path</b> checkbox on SOATERM.

## Updates to Banner

This page does not update information in the Banner database.

## Links to Other Web Pages

This Link	Action
Week at a Glance	Goes to the Week at a Glance page (bwskfshd.P_CrseSchd).
Student Detail Schedule	Goes to the Student Detail Schedule page (bwskfshd.P_CrseSchdDet1).
View Holds	Goes to the View Holds page (bwskoacc.P_ViewHold).

## Buttons/Icons on This Page

Button/Icon	Action
Section Search	Goes to the Look Up Classes Results page (bwskfcls.P_GetCrse) with the results of the search.
Reset	Deletes the choices the user has made and returns to the default settings.

## Web Menus With Links to This Page

No menus have links to this page.

# 2 Class Searches - Technical

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## Changed packages

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The following packages have been modified for this enhancement.

 **Note**

Before you can use the Advanced Search functionality, all packages for Class Searches must be installed. The Advanced Search functionality does not work unless all packages are installed. Refer to [“Enable Advanced Search functionality” on page 7](#) for more information. ■

## BWCKGENS/ BWCKGEN1

The following procedures have been added:

- `bwckgens.p_RegsCrseSearch_Advanced` - This procedure handles the display of the advanced search form after a student has registered or added a class to the worksheet.
- `bwckgens.p_ListCourseOnly` - This procedure displays the results of the basic search, which lists only courses for the subjects and terms or dates selected from Student Self-Service.
- `bwckgens.p_ListCourseOnly2` - This procedure displays the result of the basic search, which lists only courses for the subjects and terms or dates selected from Faculty Self-Service.
- `bwckgens.p_disp_term_date_advanced` - This procedure presents the Dates and Term Selection page when a new search is requested from the advanced search results.

The following procedures have been modified:

- `bwckgens.p_RegsGetCrse` - This procedure was modified to determine if a search was requested and to display the data as necessary.
- `bwckgens.p_ListCrse` - This procedure was modified to determine which search was requested and to display the data, which is dependent on basic or advanced search requested.
- `bwckgens.p_Search` - The procedure controls the response from the advanced search selection criteria

## BWCKCOM1

The `p_addfromsearch` procedure has been modified to look for the renamed button **New Search**.

## BWCKSCH1

The following procedures have been modified:

- `bwcksch1.p_get_crse_unsec` - The label has been renamed **New Search**.
- `bwcksch1.p_disp_detail_sched` - the label has been renamed **New Search**.

## BWSKFREGS/BWCKFRE1

The `p_Altpin1` procedure has been modified to pass in two parameters, `rsts code` and `crn`. Code was also added to determine if class search is being called and to present the term and dates selection page if called.

## BWSKFCLS/BWSKFCL1

The following procedures have been added:

- `bwckfcls.p_CrseSearch_Advanced` - This procedure handles the display of the advanced search form.
- `bwckfcls.p_GetCrse_Advanced` - This procedure handles the advanced course search request in conjunction with `P_CrseSearch_Advanced`.

These three procedures have been modified to produce the basic search form:

- `bwskfcl1.p_CrseSearch`
- `bwckfcls.p_Sel_Crse_Search`
- `bwckfcls.p_GetCrse`

## BWLKFFC1

The `bwlkffc1.p_FacCrseSearch` procedure has been modified to ensure that the Advanced Search form is called from Faculty Self-Service.

# 3 Miscellaneous Enhancements

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The following enhancements are in this section:

- Graduation application updates
- Accounts Receivable enrollment periods
- Faculty security updates

## Graduation application updates

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Changes have been made in Banner Student Self-Service for the resolution to defects 1-ERPAWO and 1-CY3OE2.

### New Web page

A new web page has been added for this enhancement.

#### Curriculum Term Selection page (`bwskgrad.p_disp_grad_term`)

When a student selects Apply to Graduate from the Student Records menu (`bmenu.P_AdminMnu`), the Curriculum Term Selection page (`bwskgrad.p_disp_grad_term`) is displayed. A term must be selected to continue with the application process. Once a term is submitted, the student can continue through the various graduation and diploma pages and to the Graduation Application page (`bwskgrad.p_view_gradapp`).

The curriculum select hierarchy that determines whether the student is eligible to select a specific curriculum record has been modified. The terms displayed for selection are determined by the existence of an SHRTTRM record or an SFBETRM record for the student for that term. When the student selects a term, the process performs eligibility checking to see which curriculum record will be displayed based on the rules on SHAGELR for the **Module** field (*Leaner, Outcome, or Either*).

The hierarchy uses the term selected from the **Select a Term** field to provide the valid curriculum record for the student. Next, any current and active curriculum records found for the student for that term are used to determine eligibility based on the rules on SHAGELR and SHAGADS. Data is displayed based on the rules on SHAGADR.

If the rules on SHAGADS and SHAGELR do not allow the student's graduation application to proceed for any curriculum that is active and current for the selected term, the following message is displayed: *You have no curriculum eligible for graduation application for this term. Select another term, or contact an administrator for help.*

### **Web Page Fields**

<b>Item</b>	<b>Description/Source Information</b>
Select a Term	Terms where registration and/or academic history records exist.

### **Updates to Banner**

This page does not update information in the Banner database.

### **Links to Other Web Pages**

This page does not have links to other pages.

### **Buttons/Icons on This Page**

<b>Button/Icon</b>	<b>Action</b>
Submit	Goes to the Curriculum Selection page (bwsckgrad.p_disp_gradapp)

### **Web Menus With Links to This Page**

No menus have links to this page.

## **Changed Web page**

The following Web page has been modified.

### **Curriculum Selection page (bwsckgrad.p\_disp\_gradapp)**

This page has been modified to work with the new Curriculum Term Selection page (bwsckgrad.p\_disp\_grad\_term). A term is required before this page can be accessed to proceed with the graduation application process.

A new Term Selection link has been added to the page. This link goes to the Curriculum Term Selection page (bwsckgrad.p\_disp\_grad\_term).

## Changed package

The BWSKGRA1 package has been modified to use the term for the graduation application.

## Web Tailor changes

New records have been added to the following tables for the new Curriculum Term Selection page:

- TWGBWMNU
- TWGRWMRL
- TWGRINFO

The **Apply to Graduate** menu link has been modified to display the new Curriculum Term Selection page instead of Curriculum Selection page. The menu record has been updated in the TWGRMENU table.

## Accounts Receivable Enrollment Periods

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Two new Web pages have been added to Banner Student Self-Service. The pages are used with the Banner Accounts Receivable Enrollment Periods enhancement that was delivered in the Banner Accounts Receivable 8.3 release. This enhancement supports Banner Financial Aid Enrollment Period functionality, which enables you to combine multiple terms to create a single enrollment and payment period.

Please see the *Banner Accounts Receivable 8.3 Release Guide* for more information.

## New Web pages

The Account Summary by Period page (`bwskeacc.P_AcctSummary`) and the Account Summary for Period Terms page (`bwskeacc.P_PeriodAcctSummary`) have been added for this enhancement.

### **Account Summary by Period page (`bwskeacc.P_AcctSummary`)**

This page displays student account balance information grouped by enrollment period. Student account balances are displayed in descending order by period with the most recent period first. If there are non-period items on an account such as using the term code ARTERM, the items are displayed at the beginning and are identified by the heading **Items not related to a period**. Within each period section, items are displayed in detail

code order with charges listed first followed by payments. Entries are summarized by a detail code. For example, two unapplied cash payments of 50.00 and 200.00 net one entry of 250.00. Only the unapplied balance, not the original amount of the transactions, is displayed. A summary of total charges, total payments, and period balance is displayed at the end of each period.

The total account balance is displayed at both the beginning and the end of the list of account entries. Memos and authorizations are not displayed on this page.

To view the terms associated with an enrollment period, click on the **Enrollment Period Description** link (for example, Spring 2011 - 2012 or Fall 2010). When the **Enrollment Period Description** link is selected, the Account Summary for Period Terms page (`bwskeacc.P_PeriodAcctSummary`) opens. This page displays summary information for all terms in the selected enrollment period.

## Web Page Fields

Item	Description/Source Information
Account Balance	Student's account balance. A negative value indicates a credit balance.  <b>Note:</b> This field appears at the beginning and end of the enrollment period information.
Detail Code	Detail code associated with the transaction.
Description	Description associated with the detail code.
Charge	Charge posted to the account.
Payment	Payment posted to the account.
Balance	For charges, this amount is the remaining balance of the charge after application of payments. For payments, this amount is the remaining balance of a payment that has not been applied. The value is calculated using the amount from the <b>Payment</b> or <b>Charge</b> column minus applied transactions.
Period Charges	Total charges for the period.
Period Credits and Payment	Total credits and payments for the period.
Period Balance	Outstanding balance for the enrollment period.

## Web Page - Information Text

The following table contains the information text that can be displayed within each section of the Account Summary by Period page, as enabled.

Message	Text
MEMO	Review summarized charges and payments to your account by Financial Aid Enrollment Period. Anticipated third party contract payments, financial aid payments, and memo items are not included in this summary.

## Setup Requirements

Item	Description
Crosswalk Validation Form (GTVSDAX)	To display detail codes, enter <i>Y</i> in the <b>External Code</b> field for the WEBDETCODE internal code in internal group WEBACCTSUM.

## Updates to Banner

This page does not update information in the Banner database.

## Links to Other Web Pages

This Link	Action
Overall Financial Aid Status	Goes to the Aid Year page ( <code>bwrksumm.P_DispSumm</code> ).  Select a value from the <b>Select Aid Year</b> field, and click the <b>Submit</b> button to access the Financial Aid Status for 20XX - 20XX aid year page ( <code>bwrksumm.P_DispSumm</code> ).
Financial Aid Award Information Menu	Goes to the Award menu ( <code>bmenu.PFAAwdMnu</code> )
Credit Card Payment	Goes to the Registration Term page ( <code>bwckcpmt.P_CCPayment</code> ).  Select a term from the <b>Select a Term</b> field, and click the <b>Submit</b> button to access the Credit Card Payment page ( <code>bwckcpmt.P_CCPaymentTermSelected</code> ).

## Web Menus With Links to This Page

Student Account menu	<code>bmenu.P_ARMnu</code>
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## Account Summary for Period Terms page (bwskeacc.P\_PeriodAcctSummary)

This page is used to view summary information for terms in the selected enrollment period. To access this page, click on the **Enrollment Period Description** link on the Account Summary by Period page (bwskeacc.P\_AcctSummary). The link is the name of the enrollment period.

### Web Page Fields

Item	Description/Source Information
<i>These fields are in the Summary section of the page.</i>	
Period Balance	Account balance for the enrollment period. A negative value indicates a credit balance.  <b>Note:</b> This field appears at the beginning and end of the Enrollment Period Terms information.
Detail Code	Detail code associated with the transaction.
Description	Description associated with the detail code.
Charge	Charge posted to the account.
Payment	Payment posted to the account.
Balance	For charges, this amount is the remaining balance of the charge after application of payments. For payments, this amount is the remaining balance of a payment that has not been applied. The value is calculated using the amount from the <b>Payment</b> or <b>Charge</b> column minus applied transactions.
Term Charges	Total charges for the enrollment period term.
Term Credits and Payment	Total credits and payments for the enrollment period term.
Term Balance	Outstanding balance for the enrollment period term.

### Web Page - Information Text

The following table contains the information text that can be displayed within each section of the Account Summary for Period Terms page, as enabled.

Message	Text
MEMO	Review summarized charges and payments to your account for terms in the selected period.

## Setup Requirements

Item	Description
Crosswalk Validation Form (GTVSDAX)	To display detail codes, enter <i>Y</i> in the <b>External Code</b> field for the WEBDETCODE internal code in internal group WEBACCTSUM.

## Updates to Banner

This page does not update information in the Banner database.

## Links to Other Web Pages

This Link	Action
Account Summary by Period	Goes to the Account Summary by Period page ( <code>bwskeacc.P_AcctSummary</code> ).

## New package

The BWSKEACC package has been added for this enhancement. The package works with the new Web pages.

## Changed menu

The Account Summary by Period item has been added to the Student Account menu (`bmenu.P_ARMnu`).

## Admissions updates

Students must now agree to accept or decline the conditions and terms of admission when submitting a Self-Service admissions application.

## New Web page

A new Web page has been added for this enhancement.

### Admissions Agreement (`bwskaalog.P_ProcIndex`)

When an applicant applies for admission, he/she must accept or decline the terms and conditions of admission before the application can be completed. When the applicant

selects the **Application is Complete** button on the Application Checklist page (bwskaalog.P\_ProcNewApp), the Admissions Agreement page (bwskaalog.P\_ProcIndex) is displayed.

When the applicant accepts the terms and conditions by selecting the **I agree to the terms** link, processing continues and the Signature page (bwskaalog.P\_ProcIndex2) is displayed. The Application Fee Payment page (bwskaalog.P\_ProcIndex) may be displayed in place of the Signature page (bwskaalog.P\_ProcIndex2), when credit card payment processing is used for the application type.

When the applicant declines to accept the terms by selecting the **I do not agree** link, processing returns the applicant to the Application Checklist page (bwskaalog.P\_ProcNewApp).

## Setup Requirements

### Links to Other Web Pages

This Link	Action
WebTailor Menus and Procedures	Use bmenu.P_AppAgreement and select <b>Enabled Indicator to active the web page.</b>
WebTailor Information Text	Use bmenu.P_AppAgreement to change the default text.
WebTailor Menu Items	Use bmenu.P_AppAgreement to change the default links or to add new links.

### Updates to Banner

This page does not update information in the Banner database.

### Links to Other Web Pages

This Link	Action
I agree to the terms	Goes to the Signature page (bwskaalog.P_ProcIndex2)  When credit card payment processing is used, goes to the Application Fee Payment page (bwskaalog.P_ProcIndex2)
I do not agree	Goes to the Application Checklist page (bwskaalog.P_ProcNewApp)

## Web Menus With Links to This Page

No menus have links to this page.

## Changed Web page

The following Web page has been modified for this enhancement.

### Signature page (bwskaolog.P\_ProcIndex2)

This page has been modified to use the `bwskaolog.P_ProcIndex2` package.procedure instead of the `bwskaolog.P_ProcIndex` package.procedure.

## Changed package

The following package has been modified for this enhancement.

### BWSKALOG

The `P_ProcIndex2` procedure has been added to the package. This procedure calls the Signature page (`bwskaolog.P_ProcIndex2`).

The `P_ProcIndex` procedure has been modified to call the Admissions Agreement page (`bwskaolog.P_ProcIndex`).

## Web Tailor update

The following table describes the new procedure for enabling the Admissions Agreement page.

Procedure Name	Procedure Description	Enabled	Source
<code>bmenu.P_AppAgreement</code>	Admissions Agreement Page	Y	L

## Faculty security updates

Changes have been made for the resolution to defect 1-CY0CME.

An option has been provided to force the use of Check Order on STVPROC. Check Order is typically used only when a relation between the SIAINST Faculty and Advisor record and a student/advisee could not be established. In some unique situations, it might be necessary to force the use of Check Order even when a relation is clear. A new checkbox

on STVPROC has been added to Enforce Check Order. The option is tied to a specific process on STVPROC so enforcement may be tied to only Transcripts, for example.

SIAINST now provides the option to Override Process Rule Security for an individual ID. Any ID with the **Override Process Rule Security** setting *ON* will have access to student information for any Self-Service page that is available in Self-Service and is controlled by SOAFACS with the exception of ENTERGRADES.

Refer to the *Student 8.5.1 Release Guide* for more information.

# 4 Problem Resolutions

The following problem resolutions are delivered 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 (stuss80501resolutions.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	Number	Summary
BWCKCMPL	1-E0Q1TH	The expected graduation date was not displayed when the <b>Sequence</b> was set to <i>1</i> for the GTVSDAX rule ( <b>Code</b> - <i>WEBCURR</i> , <b>Group</b> - <i>WEBCAPP</i> , <b>External Code</b> - <i>DEG</i> ).
BWCKCOM1	1-FG2GHF	<p>A student with a hold on SOAHOLD that should stop registration could still add classes by URL manipulation. This was done by adding certain parameters to the <code>bwskfreg.P_AltPin1</code> procedure call.</p> <p>This was previously corrected as defect 1-AIBK0H. However, the correction for defect 1-BD1T81 later removed the fix. Also, the original correction for 1-AIBK0H added cursor <code>hold_c</code>. This cursor did not take into account the hold date range defined on SOAHOLD which should also be incorporated into the defect correction.</p>

Object	Number	Summary
BWCKCOM1, BWCKGENS, BWCKGEN1, BWCKSCH1	1-NT2AIT	<p>Self Service Banner (SSB) poor performance when users used the Class Search with high volume of registration activity. During a load test on Oracle RDBMS 10.2.0.4, AWR report showed:</p> <p>Top Event - latch: cache buffers chains - Concurrency.</p> <p>Top SQL showed:</p> <pre>declare rc__ number; simple_list__ owa_util.vc_arr; complex_list__ owa_util.vc_arr; begin owa.init_cgi_env.</pre> <p>Luminis users saw HTTP 500 Internal Server errors or HTTP 503 Internal Server errors.</p> <p>Without the Class Search, load test was able to succeed in ramping to 5000 Luminis users. The Class Search could only ramp to 1900 users.</p>
BWCKGEN1	1-BNJX1D	<p>A visually impaired person that was using JAWS was unable to determine how to select the square check boxes beside days of the week on the Look up Classes page (<code>bwckgens.p_proc_term_date</code>). Also, they could not select the check box on the resulting Look up class page (<code>bwskfcls.P_GetCrse</code>).</p>
BWCKGEN1, BWCKSAMS, BWCKSAM1, BWSKFRE1, BWLKFRA1	1-6WI9FS	<p>An error occurred on the Change Class Options page when custom messages on SFARMSG exceeded 30 characters.</p> <p>When a registration error occurred during the submission of an option change, a <i>Page not found</i> error occurred on the Web page.</p>

Object	Number	Summary
BWCKGEN1, BWCKSCH1	1-FUOCF9	<p>When doing performance testing, the SQL Advisor Recommendations identified parts of the class search as having potential problems. One specific recommendation was to create a materialized view. The code in question is used to create the pick list of instructors.</p> <p>Basic concept of code:</p> <ol style="list-style-type: none"> <li>1) Select distinct all of SPRIDEN rows, order by last name, first name.</li> <li>2) For each row returned, call formatting procedure.</li> </ol> <p>The first step distinguishes and sorts many more columns than is required. The second step is reading SPRIDEN again, even though all the information is already available in program variables.</p> <p>According to the audit trail, the call to <code>f_format_name</code> was added in 8.2 for I18N when it would have been better to just add <code>SPRIDEN_SURNAME_PREFIX</code> to the existing code.</p>
BWCKREG1	1-IG4HEP	<p>When a student changed the registration status in Self-Service using the Add/Drop page for a class that included a study path, the study path was removed from the record. When the same change was made on SFAREGS, the study path was not removed. The type of status code changed (i.e., Registered, Dropped, etc.) did not seem to matter. The setup on STVRSTS did not seem to matter.</p>

Object	Number	Summary
BWCKSCH1	1-DDS9XE	<p>Per the 8.4.0.4 documentation, the Class Schedule Listing page (<code>bwckschd.p_get_crse_unsec</code>) and the Detailed Class Information page (<code>bwckschd.p_disp_detail_sched</code>) should have had bookstore link capability.</p> <p>The BWCKSCHD package that is responsible for the bookstore link was not included in the 8.4.1 upgrade. Until the defect is corrected, the bookstore link will only be available on the Catalog Web pages.</p>
BWSKAPC1, SAKL090	1-AFFUE	An duplicate institution error occurred when multiple college records and degree records existed for an applicant and the applicant attempted to enter prior colleges on a Web application or to enter another degree record for the same school on a new application.
BWSKAPM1	1-B5X77Y	When a student selected a quick start Web application and chose the Pay Later option, the application was not pushed. The problem appears to be in the <code>sakqad1.sql</code> package.
BWSKAPM1	1-BUGZPX	A quick start application with a credit card payment did not display the <i>QUICKADMIT</i> letter code.
BWSKFCL1, BWSKFCLS, BWSKFRE1, BWSKFREG	1-K646TB	SSB had poor performance when users used the Class Search during high volume of registration activity.
BWSKGRA1	1-ERPAW0	The Graduation Application did not show the current curriculum if it changed before grade roll.
BWSKGRA1, BWSKGRAD	1-CY3OE2	Graduation Application did not have the ability to specify term to retrieve the available curriculum.

Object	Number	Summary
BWSKWCC1	1-BD267D	<p>The Student Self Service 8.4 Release delivered the 8.3.0.2 version of <code>bwskwcc1.sql</code>, which incorrectly contained references to <code>bwpkolib</code>. Similarly, patch <code>p1-9tz125_bws8040001</code> delivered the 8.4.0.1 version of <code>bwskwcc1.sql</code> with the same problem.</p> <p>Clients that did not have Employee Self-Service installed receive the compile errors.</p>
BWSKWTR1	1-B0RIC2	<p>When a transcript request was entered through Student Self-Service using FireFox, the “Issue To” name (stored in the <code>SHTTRAN_ADDR_NAME</code> column) was truncated to a length of 30 characters before the data was stored in the <code>SHTTRAN</code> table. The request entry page allows for a field length of 100 characters.</p> <p>The same scenario using Internet Explorer caused Oracle errors after the payment options were submitted:</p> <p><i>ORA-06502: PL/SQL: numeric or value error: character string buffer too small.</i></p> <p><i>ORA-06512: at "WTAILOR.TWBKWBIS", line 5836.</i></p> <p><i>ORA-06512: at "BANINST1.BWSKWTRR", line 2352.</i></p>
Documentation - Bookstore Information page	1-L60FUG	<p>The info text label <i>DEFAULT</i> appears as <i>Default</i> in the <i>Student Self-Service 8.4.1 Release Guide</i>. It should appear as <i>DEFAULT</i> in all uppercase. It will not work if it is in mixed case.</p>

Object	Number	Summary
Documentation - High School page	1-H3QW9I	<p>The documentation needed to clarify that when any other data is entered on the High School page (bwskahsc.P_DisAppHighSch) in admissions, then the <b>High School Name</b> field, <b>High School Code</b> field, or <b>Home School</b> checkbox are also required. One of those fields must be entered, regardless of the setting of the <b>Required</b> checkbox for the items on SAAWAPP.</p>
Documentation - Transcript Setup for GTVSDAX rule	1-F9CL47	<p>The documentation states, “If you want the Name and Birth Date fields to be displayed in the Student Information section, enter <i>FALSE</i> in the <b>External Code</b> field for the <i>NAMEWTRAN</i> internal code.</p> <p>The correct value to set the rule to for the name to be displayed is <i>TRUE</i>.</p>





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