

Banner Faculty and Advisor Self-Service Release Guide

*Release 8.2
June 2009*

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Introduction

This release guide documents Release 8.2 of Banner® Faculty and Advisor Self-Service. Release 8.2 includes enhancements and problem resolutions.

Enhancement for 8.2

This document describes the following enhancement, which is new for Release 8.2.

Internationalization

A major initiative of SunGard Higher Education is to make Banner more adaptable for use in different countries and with different languages. This ongoing effort is called internationalization (often abbreviated I18N). As part of this initiative, Banner Student 8.0 delivered several new fields in the database. These fields, however, were not visible on the user interface. With Banner Student 8.2, these new person fields can be displayed on Self-Service pages. This enhancement provides worldwide clients with a more robust, accurate, and efficient method of storing personal data.

Mutually Exclusive Courses in Registration

Institutions can now track courses that are similar to other courses in content but are not considered to be equivalent courses. These courses can be defined in Banner at the catalog level as mutually exclusive courses. Students who have taken courses in this category can be prevented from registering for other associated courses. This functionality builds on existing equivalent course processing. It is similar to repeat processing but does not use repeat hours or repeat limit error checking. New mutual exclusion error checking is used instead.

CAPP XML Output

Institutions can now create XML compliance output from baseline or self-service. The output can be customized to fit your institution's needs. You can still run compliance as you have in the past, or you can select the new XML output functionality. The output is complete and contains all available compliance information from the existing CAPP tables. This provides more data for the compliance output that can be easily transformed to the format of your choice. Two templates are delivered to help with hardcopy and Web customization.

Cumulative Documentation

This document provides detailed information about the Banner Faculty and Advisor Self-Service 8.2 release only. Banner Faculty and Advisor Self-Service 8.2 is a cumulative release that also includes problem resolutions delivered in the Banner Faculty and Advisor Self-Service 8.1.1 release. For complete documentation about this interim release, please refer to the readme text file identified in the table that follows.

Release Number	Contents	Release Date
8.1.1	Problem resolutions	January 2009

1 Internationalization Enhancement - Functional



Overview

A major initiative of SunGard® Higher Education is to make Banner® more adaptable for use in different countries and with different languages. This ongoing effort is called internationalization (often abbreviated I18N).

As part of this initiative, Banner Faculty and Advisor Self-Service 8.0 delivered several new fields in the database. These fields, however, were not visible on the user interface. With Banner Faculty and Advisor Self-Service 8.2, these new person fields can be displayed on Web pages. This enhancement provides worldwide clients with a more robust, accurate, and efficient method of storing personal data.

Fields have been added to Web pages to capture data for house number, street line 4, phone country code, and last name (surname) prefix. Existing fields that capture data for street lines 1, 2, 3, city, ZIP/postal code, phone area code, phone number, and phone extension have been expanded.

Note

Fields for internationalization are displayed when masking is turned off. ■

Please refer to the *Banner Student 8.2 Release Guide* and the *Banner Student Self-Service 8.2 Release Guide* for more information.

New Fields

The following person fields are now available in Banner Faculty and Advisor Self-Service.

Field	Length	Description
Last Name Prefix	60 characters	Prefix that precedes a last name (for example, “Von” in the last name “Von Hintz”)
House Number	10 characters	Unique number assigned to each building on a street or in an area and used as part of the postal address in some countries (no validation)
Street Line 4	75 characters	Additional street address (no validation)
Telephone Country Code	4 characters	Code that designates the region and country of the telephone number (no validation)

Masked fields

Some users do not need these new fields on Web pages. For this reason, Banner Faculty and Advisor Self-Service 8.2 is being delivered with masking rules turned on for these new fields. This means the fields are not displayed when you first upgrade to Banner Faculty and Advisor Self-Service 8.2. If you want to display the new fields, you can do one of the following:

- Run the `gssmask.sql` script, delivered with Banner General 8.2, to unmask the new fields. Refer to the *Banner General 8.2 Release Guide* for more details.
- Use the Data Display Mask Rules Form (GORDMSK) to unmask the fields. You can unmask specific fields on specific forms. Refer to the *Banner General Data Security Handbook* for more details.

Masking rules apply only to name fields when they are displayed independently (that is, not concatenated). If fields are concatenated, the masking rules do not apply. It is assumed that the fields where data would normally be entered would be masked, preventing data entry. As a result, no values would be available for display on forms when the fields are concatenated.

Packages have been added to GORDMCL and GORDMSK for use with masking address, phone, and last name prefix data in Banner Faculty and Advisor Self-Service. These packages are displayed on GORDMCL or GORDMSK when `**SSB_MASKING` is entered in the **Object** field. The `sgordmcli_080200.sql` script is delivered to add the Faculty and Advisor Self-Service packages.

Block/Package	Item/Variable Name
BWCKFRMT_ALL	_%_CTRY_CODE_PHONE
BWCKFRMT_ALL	_%_INTL_ACCESS
BWCKGRAD_ALL	_%_HOUSE_NUMBER
BWCKGRAD_ALL	_%_STREET_LINE4
BWCKGRAD_ALL	_%_SURNAME_PREFIX
BWLKGRAD_ALL	_%_CTRY_CODE_PHONE
BWLKGRAD_ALL	_%_HOUSE_NUMBER
BWLKGRAD_ALL	_%_INTL_ACCESS
BWLKGRAD_ALL	_%_STREET_LINE4
BWLKGRAD_ALL	_%_SURNAME_PREFIX
BWLKIFAC_ALL	_%_CTRY_CODE_PHONE
BWLKIFAC_ALL	_%_HOUSE_NUMBER
BWLKIFAC_ALL	_%_INTL_ACCESS
BWLKIFAC_ALL	_%_STREET_LINE4
BWLKIFAC_ALL	_%_SURNAME_PREFIX
BWLKOFFH_ALL	_%_CTRY_CODE_PHONE
BWLKOFFH_ALL	_%_INTL_ACCESS
BWLKOSAD_ALL	_%_CTRY_CODE_PHONE
BWLKOSAD_ALL	_%_HOUSE_NUMBER
BWLKOSAD_ALL	_%_INTL_ACCESS
BWLKOSAD_ALL	_%_STREET_LINE4
BWLKOSAD_ALL	_%_SURNAME_PREFIX

Changed Web Pages

Fields have been added for use with internationalization. These fields are displayed when masking is turned off.

The pages/packages that are unique to Banner Faculty and Advisor Self-Service are listed first (BWLK%). The pages/packages that are common to Banner Faculty and Advisor Self-Service and Banner Student Self-Service are listed at the end (BWCK%).

Student Verification (bwlkoids.P_FacVerifyID)

The last name prefix is displayed for the student, if applicable.

General Student Information (bwlkgstu.P_FacStuInfo)

The last name prefix is displayed for the student, if applicable. The last name prefix for the advisor is displayed in the **Primary Advisor** field, if applicable.

View Student Addresses and Phones (bwlkosad.P_FacDispAddrView)

The following fields have been added to this page to support internationalization:

- **House Number**
- **Street Line 4**
- **Phone Country Code**

The last name prefix is displayed for the student, if applicable.

Select Student E-Mail Address to View (bwlkosad.P_FacDispEmailView)

The last name prefix is displayed for the student, if applicable.

Active Registrations (bwlksreg.p_fac_active_regs)

The last name prefix is displayed for the student, if applicable. The last name prefix is also displayed for the associated instructor, if applicable.

Registration Overrides (bwlkfrov.P_FacRegOvr)

The last name prefix is displayed for the student, if applicable. The last name prefix for the instructor is displayed in the **Assigned Instructor** field, if applicable.

Registration Overrides Verification (bwlkfrov.P_FacVerifyRegChgs)

The last name prefix is displayed for the student, if applicable. The last name prefix for the instructor is displayed in the **Instructors** field, if applicable.

Test Scores (bwlktest.P_FacDispTest)

The last name prefix is displayed for the student, if applicable.

View Holds (bwlkgstu.P_ViewHold)

The last name prefix is displayed for the student, if applicable.

View Student Schedule (bwlkfstu.P_FacStuSchd)

The last name prefix is displayed for the student, if applicable. The last name prefix for the instructor is displayed in the **Assigned Instructor** and **Instructors** fields, if applicable.

Concise Student Schedule (bwlkcrse.P_FacStuSchd)

The last name prefix is displayed for the student, if applicable. The last name prefix for the instructor is displayed in the **Instructor** field, if applicable.

Week at a Glance (bwlkifac.P_FacDaySched)

The last name prefix is displayed for the student, if applicable.

Detail Class List (bwlkfcwl.P_FacClaList)

The last name prefix is displayed in the **Student Name** field, if applicable.

Summary Class List (bwlkfcwl.P_FacClaListSum)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Detail Wait List (bwlkfcwl.P_FacWaitList)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Summary Wait List (bwlkfcwl.P_FacWaitListSum)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Add or Drop Classes (bwlkfrad.P_FacAddDropCrse)

The last name prefix is displayed for the student, if applicable.

Look-Up Classes Results (bwlkffcs.P_FacGetCrse)

The last name prefix is displayed in the **Instructors** field, if applicable.

Student and Advisee ID Selection (bwlkoids.P_AdvIDSel or bwlkoids.P_FacIDSel)

The last name prefix is displayed for the student, if applicable.

Advisee Listing (bwlkadvr.P_DisAdvisees)

The last name prefix is displayed for the student, if applicable.

Faculty Detail Schedule (bwlkifac.P_FacSched)

The last name prefix is displayed for the instructor, if applicable.

The telephone number displayed in the **Contact Number** field now includes the country code, if applicable.

Office Hours (bwlkoffh.P_Fac_Office_Hours)

The last name prefix for the instructor is displayed in the **Instructors** field, if applicable.

The telephone number displayed in the **Contact Number** field now includes the country code, if applicable.

Mid Term Grades (bwlkfmgd.P_FacMidGrd)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Final Grades (bwlkffgd.P_FacFinGrd)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Advisee Grade Summary (bwlkgrde.P_advfingrd)

The last name prefix is displayed for the student, if applicable.

Faculty Grade Summary (bwlkgrde.P_FacFinGrd)

The last name prefix is displayed for the student in the **Student Name** field, if applicable.

Incomplete Grade Summary (bwlkingc.P_FacIncmpGrdSum)

The last name prefix for the student is displayed in the **Student Name** field, if applicable.

Electronic Gradebook for a Student (bwlkegrb.P_FacIDShrmrksProc)

The last name prefix is displayed for the student, if applicable.

Student Academic Transcript (bwlkftrn.P_ViewTran)

The last name prefix is displayed for the student, if applicable.

Degree Evaluation (bwlkfcap.P_FacDispCurrent)

The last name prefix is displayed for the student, if applicable.

Graduation Application (bwlkgrad.p_view_gradapp)

The following fields have been added to this page to support internationalization:

- **House Number**
- **Street Line 4**

The last name prefix is displayed for the student, if applicable.

The following are the common pages.

Catalog Entries (bwckctlg.p_display_courses)

The last name prefix is displayed for the instructor, if applicable.

Class Schedule Search (bwckgens.p_sel_term_date)

The last name prefix is displayed for the instructor, if applicable.

Class Schedule Listing (bwckctlg.p_disp_listcrse or bwckschd.p_get_crse_unsec)

The last name prefix is displayed for the instructor, if applicable.

Detailed Class Information (bwckschd.p_disp_detail_sched)

The last name prefix is displayed for the instructor, if applicable.

Look Up Classes (bwckgens.p_sel_term_date)

The last name prefix is displayed for the instructor, if applicable.

2 Internationalization Enhancement - Technical



Changed Packages

The following packages have been modified for internationalization. The details about changes to specific Web pages associated with these packages can be found in the functional section for this enhancement.

- BWLKADVR
- BWLKCRSE
- BWLKCTLG
- BWLKEGRB
- BWLKFCAP
- BWLKFCWL
- BWLKFCWL
- BWLKFCWL
- BWLKFCWL
- BWLKFCWL
- BWLKFFCS
- BWLKFFGD
- BWLKFMGD
- BWLKFRAD
- BWLKFROV
- BWLKFROV
- BWLKFSTU
- BWLKFTRN
- BWLKGRAD

- BWLKGRDE
- BWLKGRDE
- BWLKGSTU
- BWLKGSTU
- BWLKIFAC
- BWLKIFAC
- BWLKIFAC
- BWLKINCG
- BWLKOFFH
- BWLKOIDS
- BWLKOSAD
- BWLKOSAD
- BWLKSREG
- BWLKTEST
- BWCKCTLG
- BWCKGENS
- BWCKSCHD

3 Mutually Exclusive Courses Enhancement - Functional



Overview

This enhancement allows institutions to track courses that are similar to other courses in content but are not considered to be equivalent courses. These courses can be defined in Banner at the catalog level as mutually exclusive courses. Students who have taken courses in this category can be prevented from registering for other associated courses. This functionality builds on existing equivalent course processing. It is similar to repeat processing but does not use repeat hours or repeat limit error checking. New mutual exclusion error checking is used instead.

A new form and table are delivered to define and maintain mutually exclusive course information. Registration error checking has been updated in Banner Student baseline, Self-Service, and Voice Response. Registration overrides, error message administration, and mass registration processing have also been updated. When students view courses through the catalog in Banner Student Self-Service, the detailed class information indicates when courses are defined as mutually exclusive.

Please refer to the *Banner Student 8.2 Release Guide*, the *Banner Student Self-Service 8.2 Release Guide*, and the *Banner Voice Response 8.1 Readme File* for additional information.

Changed Web Pages

The following pages in Banner Student Self-Service have been updated for this enhancement.

Detailed Course Information (bwckctlg.p_disp_course_detail)

This page has been updated to display catalog level records from SCAMEXC. Catalog level registration information for the course now contains mutual exclusion detail when a

course has been defined as a mutual exclusion. Messages for mutually exclusive courses are displayed at the bottom of this page as appropriate.

Detailed Class Information page (bwckschd.p_disp_detail_sched)

This page has been updated to display catalog level records from SCAMEXC for the course section. Messages for mutually exclusive courses are displayed at the bottom of this page as appropriate.

4 Mutually Exclusive Courses Enhancement - Technical



Changed Packages

The following packages have been updated for this enhancement. They will use the new mutual exclusion registration error checking. The default error message from SFARMSG is displayed during registration in Banner Student Self-Service, but this error message can be customized at your institution.

BWCKCTLG

This package has been modified to display mutually exclusive courses for Self-Service.

BWCKLIBS

This package has been modified to process mutually exclusive course override data for Self-Service.

BWCKREGS

This package has been modified to process mutually exclusive course override data for Self-Service.

BWCKSCHD

This package has been modified to display mutually exclusive sections for Self-Service.



5 CAPP XML Output Enhancement - Functional



Overview

This enhancement allows institutions to create XML compliance output from baseline or in Self-Service. The output can be customized to fit your institution's needs. You can still run compliance as you have in the past, or you can select the new XML output functionality. XML data is easily transformed into usable output.

XML output is available when compliance is run from the Compliance Request Management Form (SMARQCM) or the Batch Compliance Process (SMRBCMP) in baseline and from the new Degree Evaluation Results Report page (`bwcksxml.report`) in Banner® Student Self-Service and Banner Faculty and Advisor Self-Service. The information that is displayed in the XML output is based on the rules set up on Compliance Print Type Rules Form (SMACPRT) and is formatted by a stylesheet.

The output is now created by a single process so whether compliance is run from baseline or self-service, the results are consistent. The output is also complete and contains all available compliance information from the existing CAPP tables. This provides more data for the compliance output that can be easily transformed to the format of your choice. Two templates are delivered to help with hardcopy and Web customization. Further customization assistance is available from SunGard® Higher Education.

Please refer to the *Banner Student 8.2 Release Guide* and the *Banner Student Self-Service 8.2 Release Guide* for more information.

XML Output in Self-Service

XML compliance output is generated when compliance is run from Banner Student Self-Service or Banner Faculty and Advisor Self-Service, thereby creating the new HTML output. However, a copy of the XML output is not saved for future retrieval. Students can run their own unofficial compliance reports as often as they would like, to create what if analysis scenarios.

Previously, on the Degree Evaluation Options page (`bwckcapp.P_DispEvalViewOption`), there were three choices for viewing compliance results: *General Requirements*, *Detail Requirements*, and *Additional Information*. These options produced three separate pages of results. The Degree Evaluation Options page (`bwckcapp.P_DispEvalViewOption`) is obsolete with this release, as are the associated pages for General Requirements

(bwcksm1t.P_DispEvalGeneralReq), **Detail Requirements**
(bwckcapp.P_DispEvalDetailReq), and **Additional Information**
(bwcksnrcr.P_DispEvalAdditional).

Now, the new **Degree Evaluation Results Report** (bwckxml.report) is produced with all the information on one scrollable page. This page replaces the **Degree Evaluation Options** page (bwckcapp.P_DispEvalViewOption) and the three associated options pages. This new report page allows you to view much more information about the compliance request and customize the output using the delivered template or your own customized template. You can pare down the information that is displayed to suit your needs or determine what a student or faculty member should or should not see.

New Web Page

The following page is new for this enhancement.

Degree Evaluation Results Report (bwckxml.report)

The **Degree Evaluation Results Report** page (bwckxml.report) displays the compliance evaluation results on one scrollable page. It contains the requirements and detail that were previously displayed through the **Degree Evaluation Options** page (bwckcapp.P_DispEvalViewOption) and the associated **General Requirements** (bwcksm1t.P_DispEvalGeneralReq), **Detail Requirements** (bwckcapp.P_DispEvalDetailReq), and **Additional Information** (bwcksnrcr.P_DispEvalAdditional) pages.

This new page allows you to view complete information about the compliance request and to customize the output using the delivered template or your own customized template. You can pare down the information that is displayed to suit your needs or depending on what a student or faculty member should or should not see.

Web Page Fields

This page does not have any web page fields.

Setup Requirements

This page has no setup requirements.

Note

For complete information about setting up your CAPP programs, refer to the *CAPP Handbook*. ■

Updates to Banner

This page does not update information in the Banner database.

Links to Other Web Pages

This page has no links to other web pages.

Buttons/Icons on This Page

This page does not have buttons to other pages.

Web Menus With Links to This Page

No menus have links to this page.

Other Web Pages With Links to This Page

Degree Evaluation Record	<code>bwckcapp.P_DispCurrent</code>
Previous Evaluations	<code>bwcksmmt.P_DispPrevEval</code>
Generate New Evaluation	<code>bwckcapp.P_DispEvalTerm</code>
What-If Analysis (Evaluation Term)	<code>bwcksmds.p_whatif_next_step</code>

Changed Web Pages

The following pages have been modified for this enhancement.

Degree Evaluation Record (`bwckcapp.P_DispCurrent`)

When a degree evaluation has been run for the program, the program name is now displayed as a hyperlink to the Degree Evaluation Results Report page (`bwckxml.report`).

In Links to Other Web Pages, the link for Program name now goes to the Degree Evaluation Results Report page (`bwckxml.report`).

In Other Web Pages With Links to This Page, the link for Degree Evaluation Options has been renamed Degree Evaluation Report, and it accesses the Degree Evaluation Results Report page (`bwckxml.report`).

In Other Web Pages With Links to This Page, the following options are obsolete and have been removed:

- **General Requirements** (bwcksm1t.P_DispevalGeneralReq)
- **Detail Requirements** (bwckcapp.P_DispevalDetailReq)
- **Additional Information** (bwcksnrcr.P_DispevalAdditional)

Previous Evaluations (bwcksmmt.P_DispevalPrevEval)

In Links to Other Web Pages, the link for Program name now goes to the Degree Evaluation Results Report page (bwckxml.report).

In Other Web Pages With Links to This Page, the link for Degree Evaluation Options has been renamed Degree Evaluation Report, and it accesses the Degree Evaluation Results Report page (bwckxml.report).

In Other Web Pages With Links to This Page, the following options are obsolete and have been removed:

- **General Requirements** (bwcksm1t.P_DispevalGeneralReq)
- **Detail Requirements** (bwckcapp.P_DispevalDetailReq)
- **Additional Information** (bwcksnrcr.P_DispevalAdditional)

Generate New Evaluation (bwckcapp.P_DispevalTerm)

After the system generates the new evaluation, it now automatically displays Degree Evaluation Results Report page (bwckxml.report).

The **Generate Request** button now accesses the Degree Evaluation Results Report page (bwckxml.report).

Buttons/Icons on This Page

Button/Icon	Action
Generate Request	Runs the degree evaluation, then goes to the Degree Evaluation Results Report page (bwckxml.report) so the user can view the results.

What-If Analysis (Evaluation Term) (bwcksmlds.p_whatif_next_step)

This is the last page in a what-if analysis. The values selected on the previous pages are displayed on this page.

Once the user chooses the evaluation term (that is, the graduation term) and selects the Submit button, the system generates the new evaluation and now displays the Degree Evaluation Results Report page (bwckxml.report).

The **Generate Request** button now accesses the Degree Evaluation Results Report page (bwckxml.report).

Buttons/Icons on This Page

Button/Icon	Action
Generate Request	Goes to the Degree Evaluation Results Report page (bwckxml.report).

Obsolete Web Pages

The following pages are obsolete with this release.

Degree Evaluation Options (bwckcapp.P_DispEvalViewOption)

This page is no longer used in Self-Service. Links to this page have been removed from the appropriate pages.

The new Degree Evaluation Results Report page (bwckxml.report) is now used to display complete, detailed compliance results on one scrollable page.

General Requirements (bwcksmldt.P_DispEvalGeneralReq)

This page is no longer used in Self-Service. Links to this page have been removed from the appropriate pages.

General requirements, detail requirements, and additional information are all displayed on the new Degree Evaluation Results Report page (bwckxml.report).

Detail Requirements (bwckcapp.P_DispEvalDetailReq)

This page is no longer used in Self-Service. Links to this page have been removed from the appropriate pages.

General requirements, detail requirements, and additional information are all displayed on the new Degree Evaluation Results Report page (bwcksxml.report).

Additional Information (bwcksncr.P_DispEvalAdditional)

This page is no longer used in Self-Service. Links to this page have been removed from the appropriate pages.

General requirements, detail requirements, and additional information are all displayed on the new Degree Evaluation Results Report page (bwcksxml.report).

6 CAPP XML Output Enhancement - Technical



Changed Packages

The following packages have been modified for this enhancement.

BWCKCAPP/BWCKCAP1

This package has been modified to use the SOKCCUR package to retrieve curriculum and field of study data from the SORLCUR and SORLFOS tables. References to the SRRRECR, SARADAP, SGBSTDN, and SHRDEGR tables for the use of curriculum values have been replaced by direct calls to the curriculum values in SORLCUR and SORLFOS for the two majors, two departments, two minors, six concentrations, level, degree, college, campus, catalog term, term, and curriculum rules.

BWCKCMPL/BWCKCMP1

This package has been modified to use the SOKCCUR package to retrieve curriculum and field of study data from the SORLCUR and SORLFOS tables. References to the SRRRECR, SARADAP, SGBSTDN, and SHRDEGR tables for the use of curriculum values have been replaced by direct calls to the curriculum values in SORLCUR and SORLFOS for the two majors, two departments, two minors, six concentrations, level, degree, college, campus, catalog term, term, and curriculum rules.

New Compliance Data Item

This new object is used with this enhancement.

bwcksxml.sql

This file creates the Degree Evaluation Results Report (`bwcksxml.report`) page in Self-Service that renders the new WebCAPP output based on the XML results and the XSL Web template. The template used to render the XML output in HTML results is detailed in

the *Banner Student 8.2 Release Guide* in the “CAPP XML Output Enhancement - Technical section”, under “New Compliance Data Objects”, in the `smrcr1t.xml` topic.

7 Problem Resolutions



The following problem resolutions are delivered with this release.

Due to the small number of problem resolutions for this release, each is summarized below, and the supplemental problem resolutions file .txt file is not delivered.

Object	Number	Summary
bwksch1.sql	#1-3ULYWK	The online Catalog and Schedule did not display the CAPP area prerequisite rule detail when the only detail requirement was a rule. Once a course/attribute detail requirement was added, both the rule detail and the course/attribute were displayed as the prerequisite.
bw1kfmgl.sql, bw1kffgl.sql	#1-4Y4MU7	Some links in Faculty and Advisor Self-Service allowed faculty members to access a CRN, regardless of whether they were assigned to that CRN or not.

