

ellucian.

# Banner Student Release Guide

Release 8.7  
November 2014



Without limitation: Ellucian®, Banner®, Colleague®, and Luminis® are trademarks of the Ellucian group of companies that are registered in the U.S. and certain other countries; and Ellucian Advance™, Ellucian Course Signals™, Ellucian Degree Works™, Ellucian PowerCampus™, Ellucian Recruiter™, Ellucian SmartCall™, are also trademarks of the Ellucian group of companies. Other names may be trademarks of their respective owners.

© 2014 Ellucian.

Contains confidential and proprietary information of Ellucian and its subsidiaries. Use of these materials is limited to Ellucian licensees, and is subject to the terms and conditions of one or more written license agreements between Ellucian and the licensee in question.

In preparing and providing this publication, Ellucian is not rendering legal, accounting, or other similar professional services. Ellucian makes no claims that an institution's use of this publication or the software for which it is provided will guarantee compliance with applicable federal or state laws, rules, or regulations. Each organization should seek legal, accounting, and other similar professional services from competent providers of the organization's own choosing.

Prepared by: Ellucian  
4375 Fair Lakes Court  
Fairfax, Virginia 22033  
United States of America

## Revision History

<b>Publication Date</b>	<b>Summary</b>
November 2014	New version that supports Banner Student 8.7 software.

# Contents

---

<b>Introduction</b> .....	6
Enhancements for 8.7 .....	6
User Guide update for reports documentation .....	6
Technical Data for Banner 9.x Support .....	6
Concurrent Curricula updates .....	6
New for Banner Student Registration 9.2 .....	6
Miscellaneous enhancements .....	6
Cumulative documentation .....	7
<b>Technical Support for Banner Student Registration 9.2</b> .....	<b>8</b>
<b>SQL objects for new tables and columns</b> .....	8
<b>SQL objects for updated packages and triggers</b> .....	12
<b>SQL objects for PL/SQL APIs and Banner views</b> .....	13
<b>Seed data</b> .....	14
<b>Baseline (INB) forms that need to be regenerated</b> .....	14
<b>New Baseline (INB) forms</b> .....	15
<b>Converted Baseline (INB) forms</b> .....	15
<b>Updated Pro C processes</b> .....	18
<b>New Java process</b> .....	18
<b>Objects new to Banner Security</b> .....	18
<b>New for Banner Student Registration 9.2</b> .....	<b>19</b>
<b>New 8.x Forms</b> .....	19

<b>New 8.x Reports and Processes</b> .....	19
<b>Miscellaneous Enhancements</b> .....	<b>20</b>
<b>Updates to transcript request delivery method</b> .....	20
<b>eTranscript modifications</b> .....	21
<b>US Veterans 2014 data collection</b> .....	21
Changed forms .....	21
Changed tables .....	22
Basic Person Base Table (SPBPERS) .....	22
Electronic Admissions Person Table (SARPERS) .....	22
Changed Self-Service page .....	23
Personal Information page (bwskafer.P_DisAppPersonal) .....	23
<b>Modifications for Elevate support</b> .....	23
Forms restricted using FGAC .....	24
Changed report .....	25
Term Roll Report (SSRROLL) .....	25
New packages .....	25
SPKCMTH0/SPKCMTH1/ .....	25
SIKWKLD0/SIKWKLD1 .....	25
Elevate and Banner FGAC and VBS .....	25
Guidelines for Oracle user that submits API .....	25
Update scripts .....	26
FGAC tips .....	42
Create/activate FGAC policies .....	42
View Policy Data from SQL*Plus .....	44
Schedule a daily job to populate the business profile .....	44
<b>Updates to 150 Percent Subsidized Stafford Usage Limit Reporting</b> .....	45
Report default nation code .....	45
Processing changes .....	45
Additional updates to SFRSSCR .....	46
Additional updates to SFRNSLC .....	46
<b>Technical updates to COBOL programs</b> .....	47
<b>Concurrent Curricula Updates</b> .....	<b>48</b>
<b>New Banner views</b> .....	48

Curricula by Term View (SOVCLTR) . . . . .	48
Current and Active Primary Curriculum by Term View (SOVCLTP) . . . . .	49
Curriculum data selection . . . . .	50
Admissions, Recruit, and Outcome . . . . .	50
Learner . . . . .	51
<b>Resolutions . . . . .</b>	<b>52</b>

# Introduction

---

This release guide documents Release 8.7 of Banner® Student. This release is a cumulative rollup of all releases and patches delivered since the Banner Student 8.6 release.



**Note:** This release is not certified for MEP.

## Enhancements for 8.7

This document describes the following enhancements, which are new for Release 8.7.

### User Guide update for reports documentation

The *Banner Student User Guide* has been modified. The report and process sections for the module chapters have been moved into a new *Banner Student Reports Handbook*. The "Appendix A - List Reports Reference" has also been moved to the introduction of the new handbook. The CAPP reports can still be found in the *Banner Student CAPP Handbook*.

### Technical Data for Banner 9.x Support

Technical data is delivered for database changes made in Banner Student 8.x to support Banner Student Registration Release 9.2.

### Concurrent Curricula updates

New views are delivered for selecting curriculum records.

### New for Banner Student Registration 9.2

New administrative forms, reports, and processes are delivered in Banner 8.x for use with Banner Student Registration 9.2.

### Miscellaneous enhancements

The following updates are included in this release guide.

- Updates to transcript request delivery method
- eTranscript modifications
- US Veterans 2014 data collection regulatory updates
- Modifications for Elevate support

- Updates to 150 Percent Subsidized Stafford Usage Limit Reporting
- Technical updates to COBOL processes

## Cumulative documentation

This document provides detailed information about the Banner Student 8.7 release only. Banner Student 8.7 is a cumulative release that also includes enhancements, ideas, and change request resolutions delivered in the Banner Student releases since 8.6. For complete documentation about these interim releases, please refer to the release guides identified in the table that follows.

Release Number	Contents	Release Date
8.6.1	Recruiter Integration part 2 with processing for test codes, supplemental items, checklist items, and Financial Aid	December 2103
8.6.2	eTranscript Processing	February 2014
8.6.3	150 Percent Subsidized Stafford Usage Limit Regulatory Updates and Financial Aid loan reporting requirements	March 2014
8.6.4	150 Percent Subsidized Stafford Usage Limit Regulatory Updates for NSC and NSLDS enrollment reporting requirements	June 2014
8.6.5	Database support for Banner Student Registration 9.1 Controlled Release 2	June 2014
8.6.6	150 Percent Subsidized Stafford Usage Limit Regulatory Updates for NSC and NSLDS enrollment reporting requirements	August 2014
8.6.7	Database support for Banner Student Academic History 9.0 Controlled Release	September 2014

# Technical Support for Banner Student Registration 9.2

---

This section contains technical data and database changes for the Banner Student 8.7 release which supports Banner Student Registration 9.2.

- [“SQL objects for new tables and columns” on page 8](#)
- [“SQL objects for updated packages and triggers” on page 12](#)
- [“SQL objects for PL/SQL APIs and Banner views” on page 13](#)
- [“Seed data” on page 14](#)
- [“Baseline \(INB\) forms that need to be regenerated” on page 14](#)
- [“New Baseline \(INB\) forms” on page 15](#)
- [“Converted Baseline \(INB\) forms” on page 15](#)
- [“Updated Pro C processes” on page 18](#)
- [“New Java process” on page 18](#)
- [“Objects new to Banner Security” on page 18](#)

Please see the *Banner Student Release Guide 8.6.5* for additional technical information and delivered database changes that support Banner Student Registration 9.2.

## SQL objects for new tables and columns

---

Here is list of SQL objects for new and changed tables that support Banner Student Registration 9.2. The new tables and database columns support electronic gradebook processing and repeat processing.

Object Name	New/ Existing Table	Enhancement	Description
sfbstrh_080700_01.sql	New	Structured Registration	Table to store the structured registration header data for a student/term for Banner 9.x
sfbstrh_080700_02.sql	New	Structured Registration	Script to add Primary Key to the SFBSTRH table
sfbstrh_080700_03.sql	New	Structured Registration	Script to add Unique Key to the SFBSTRH table



<b>Object Name</b>	<b>New/ Existing Table</b>	<b>Enhancement</b>	<b>Description</b>
sfbstrh_080700_04.sql	New	Structured Registration	Script to add Foreign Key to the SFBSTRH table for STVTERM
sfbstrh_080700_05.sql	New	Structured Registration	Script to add Foreign Key to the SFBSTRH table for STVTERM
sfbstrh_080700_06.sql	New	Structured Registration	Script to add comments to the SFBSTRH table
sfrstrd_080700_01.sql	New	Structured Registration	Table to store the structured registration rule detail data for a student/term/header for Banner 9.x
sfrstrd_080700_02.sql	New	Structured Registration	Script to add Primary Key to the SFRSTRD table
sfrstrd_080700_03.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVTERM
sfrstrd_080700_04.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVSUBJ
sfrstrd_080700_05.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVATTR
sfrstrd_080700_06.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVCAMP
sfrstrd_080700_07.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVCOLL
sfrstrd_080700_08.sql	New	Structured Registration	Script to add Foreign Key to the SFRSTRD table for STVDEPT
sfrstrd_080700_09.sql	New	Structured Registration	Script to add comments to the SFRSTRD table
sfrregv_080700_01.sql	New	Structured Registration	Script to add new structured registration columns to the SFRREGV table
sfrregv_080700_02.sql	New	Structured Registration	Script to add new structured registration column comments SFRREGV table
sfrstca_080700_01.sql	Existing	Structured Registration	Script to add new structured registration columns to the SFRSTCA table
sfrstca_080700_02.sql	Existing	Structured Registration	Script to add new structured registration column comments to the SFRSTCA table
sfrstcr_080700_01.sql	Existing	Structured Registration	Script to add new structured registration columns to the SFRSTCR table
sfrstcr_080700_02.sql	Existing	Structured Registration	Script to add new structured registration column comments to the SFRSTCR table
sftregs_080700_01.sql	Existing	Structured Registration	Script to add new structured registration columns to the SFTREGS table

<b>Object Name</b>	<b>New/ Existing Table</b>	<b>Enhancement</b>	<b>Description</b>
sftregs_080700_02.sql	Existing	Structured Registration	Script to add new structured registration column comments to the SFTREGS table
sobstrg_080700_01.sql	New	Structured Registration	New table to store structured registration term controls
sobstrg_080700_02.sql	New	Structured Registration	Script to add Primary Key to the SOBSTRG table
sobstrg_080700_03.sql	New	Structured Registration	Script to add Foreign Key to the SOBSTRG table for STVTERM
sobstrg_080700_04.sql	New	Structured Registration	Script to add Foreign Key to the SOBSTRG table for STVREST
sobstrg_080700_05.sql	New	Structured Registration	Script to add comments to the SOBSTRG table
sobterm_080700_01.sql	Existing	Structured Registration	Add new column for registration model to SOBTERM table
sobterm_080700_02.sql	Existing	Structured Registration	Add comments for new column for registration model to SOBTERM table
sobproj_080700_01.sql	New	Projected Registration	New table to store projected registration term controls
sobproj_080700_02.sql	New	Projected Registration	Script to add Primary Key to the SOBPROJ table
sobproj_080700_03.sql	New	Projected Registration	Script to add Foreign Key to the SOBPROJ table for STVTERM
sobproj_080700_04.sql	New	Projected Registration	Script to add Foreign Key to the SOBPROJ table for STVREST
sobproj_080700_05.sql	New	Projected Registration	Script to add comments to the SOBPROJ table
sfrpcfg_080700_01.sql	New	Projected Registration	New table to store the projection configuration by program in projected registration
sfrpcfg_080700_02.sql	New	Projected Registration	Script to add Primary Key to the SFRPCFG table
sfrpcfg_080700_03.sql	New	Projected Registration	Script to add Foreign Key to the SFRPCFG table for SMRPRLE
sfrpcfg_080700_04.sql	New	Projected Registration	Script to add comments to the SFRPCFG table
sfrpfc_080700_01.sql	New	Projected Registration	Table to store parameters to identify first courses in projected registration
sfrpfc_080700_02.sql	New	Projected Registration	Script to add Foreign Key to the SFRPFC table for SMRPRLE
sfrpfc_080700_03.sql	New	Projected Registration	Script to add Foreign Key to the SFRPFC table for STVCOLL

<b>Object Name</b>	<b>New/ Existing Table</b>	<b>Enhancement</b>	<b>Description</b>
sfrpfcr_080700_04.sql	New	Projected Registration	Script to add Foreign Key to the SFRPFcr table for STVDEPT
sfrpfcr_080700_05.sql	New	Projected Registration	Script to add Foreign Key to the SFRPFcr table for STVSUBJ
sfrpfcr_080700_06.sql	New	Projected Registration	Script to add comments to the SFRPFcr table
sfrpmpa_080700_01.sql	New	Projected Registration	New table to store attributes to identify most probable courses in projected registration
sfrpmpa_080700_02.sql	New	Projected Registration	Script to add Primary Key to the SFRPMPA table
sfrpmpa_080700_03.sql	New	Projected Registration	Script to add Foreign Key to the SFRPMPA table for SMRPRLE
sfrpmpa_080700_04.sql	New	Projected Registration	Script to add Foreign Key to the SFRPMPA table for STVATTR
sfrpmpa_080700_05.sql	New	Projected Registration	Script to add comments to the SFRPMPA table
sfrregp_080700_01.sql	New	Projected Registration	New table to store the projections for a student/ term for Banner 9.x
sfrregp_080700_02.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVTERM
sfrregp_080700_03.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVTERM
sfrregp_080700_04.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVSUBJ
sfrregp_080700_05.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVATTR
sfrregp_080700_06.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVLEVL
sfrregp_080700_07.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for SMRALIB
sfrregp_080700_08.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVCAMP
sfrregp_080700_09.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVCOLL
sfrregp_080700_10.sql	New	Projected Registration	Script to add Foreign Key to the SFRREGP table for STVDEPT
sfrregp_080700_11.sql	New	Projected Registration	Script to add comments to the SFRREGP table

## SQL objects for updated packages and triggers

Here is list of SQL objects for updated packages and triggers that support Banner Student Registration 9.2.

Object Name	New/ Existing Package	Enhancement	Description
sfkedit1.sql	Existing	Structured Registration	Registration API Package Body
sfkmod1.sql	Existing	Structured Registration	Registration Update Procedures Package Body
sfkrpst.sql	New	Structured Registration	Package spec to process structured registration from CAPP
sfkrpst1.sql	New	Structured Registration	Package body to process structured registration from CAPP
sfkrpstj.sql	New	Projected Registration	Package spec for Banner 9.x Registration procedures to collect and process registration projections
sfkrpstj1.sql	New	Projected Registration	Package body for Banner 9.x Registration procedures to collect and process registration projections
sfkrprj.sql	New	Projected Registration	Package spec for include failed courses functionality in projections Banner 9.x Registration
sfkrprj1.sql	New	Projected Registration	Package body for include failed courses functionality in projections Banner 9.x Registration
sftstcr0.sql	Existing	Structured Registration	Registration Insert Trigger to Update Audit
sftstcr1.sql	Existing	Structured Registration	Registration Update Trigger to Update Audit
sftstcr2.sql	Existing	Structured Registration	Registration Delete Trigger to Update Audit
sfttreg0.sql	Existing	Structured Registration	Registration Insert Trigger to Update Audit
sfttreg1.sql	Existing	Structured Registration	Registration Update Trigger to Update Audit
sfttreg2.sql	Existing	Structured Registration	Registration Update Trigger to Update Audit

## SQL objects for PL/SQL APIs and Banner views

Here is a list of the SQL PL/SQL objects that have been modified to support new table columns used by APIs and Banner views.

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing View/API	Enhancement	Description
sfvrgcp0.sql	views	New	Structured Registration	View to select areas for student's curriculum and CAPP program requirements
sfvrgcp1.sql	views	New	Structured Registration	View to select student's current active curriculum for term and programs and areas from CAPP
sfvrgcp2.sql	views	New	Structured Registration	View to select student's primary current and active curriculum for term
sovcltp.sql	views	New	Structured Registration	View to select primary and active curriculum for term
sovcltr0.sql	views	New	Structured Registration	View to select curriculum for term
sovcltr1.sql	views	New	Structured Registration	View to select curriculum for term and learner module
sokb_term0.sql	dbprocs	Existing	Structured Registration	Provides the Common Business interface for the Term API (sb_term)
sokb_term1.sql	dbprocs	Existing	Structured Registration	Contains table API functions and procedures for the Term API (sb_term)
sokb_term_r0.sql	dbprocs	Existing	Structured Registration	Business logic processing rules for term
sokb_term_r1.sql	dbprocs	Existing	Structured Registration	Business logic processing rules for term
sokb_term_s0.sql	dbprocs	Existing	Structured Registration	Messaging support strings for term
sokb_term_s1.sql	dbprocs	Existing	Structured Registration	Messaging support strings for term
sokd_sobterm0.sql	dbprocs	Existing	Structured Registration	DML procedures for the SOBTERM table
sokd_sobterm1.sql	dbprocs	Existing	Structured Registration	DML procedures for the SOBTERM table
sokb_course_reg0.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing View/API	Enhancement	Description
sokb_course_reg1.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns
sokb_course_reg_r0.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns
sokb_course_reg_r1.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns
sokd_sfrstcr0.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns
sokd_sfrstcr1.sql	dbprocs	Existing	Structured Registration	Add new structured registration columns

## Seed data

---

Here is a seed data script used with Banner 9.2 Student Registration.

Refer to the Banner Student Registration Release Guide 9.2 for information on the new GTVSDAX rules used with structured registration and projected registration.

Object Name	New/ Existing Script	Enhancement	Description
sgtvsdaxi_080700.sql	New	Structured Registration and Projected Registration	New GTVSDAX rows for internal group code REGPROJSTRUCT

## Baseline (INB) forms that need to be regenerated

---

The following forms/pages need to be regenerated due to PL/SQL API and package signature changes:

- SFAMREG
- SFAREGS
- SFAWLPR
- SFAXWLP

- SFIWLNE
- SOATERM
- SOAWLTC
- SSASECT

## New Baseline (INB) forms

---

Here is a list of the new Banner 8.7 forms which are used with Banner Student Registration 9.2.

Object Name	New/ Existing	Enhancement	Description
SFAPROJ	New	Projected Registration	Projection Maintenance Form
SFALPRO	New	Projected Registration	Program Projections Configuration Form

## Converted Baseline (INB) forms

---

Here is a list of the Banner 8.7 forms which have been converted to pages for Banner Student Registration 9.2. Pages marked as "new" were created in Banner 9.x.

Form	Banner 9.x Name	Application	New/ Existing	GUAPAGE Module	Description
SFABLCK	blockRegistrationControl	Student Registration	New	SF	Block Registration Control
SFABLPA	studentBlockPreAssignment	Student Registration	New	SF	Student Block Pre-Assignment
SFABRDF	blockRuleDefinition	Student Registration	New	SF	Block Rule Definition
SFAESTS	enrollmentStatusControl	Student Registration	Existing	SF	Enrollment Status Control Form
SFAMHRS	registrationMinimum MaximumHours	Student Registration	Existing	SF	Registration Minimum Maximum Hours
SFAPABC	preAssignedBlock Configuration	Student Registration	New	SF	Pre-Assigned Block Configuration

Form	Banner 9.x Name	Application	New/ Existing	GUAPAGE Module	Description
SFARCTL	registrationGroupControl	Student Registration	Existing	SF	Registration Group Control
SFARCTT	registrationPriority Control	Student Registration	Existing	SF	Registration Priority Control
SFAREGF	studentCourseFee AssessmentQuery	Student Registration	Existing	SF	Student Course/Fee Assessment Query
SFAREGQ	registrationQuery	Student Registration	Existing	SF	Registration Query
SFARGRP	studentRegistrationGroup	Student Registration	Existing	SF	Student Registration Group
SFARGTC	thirdPartyRegistration TimeControls	Student Registration	Existing	SF	Third Party Registration Time Controls
SFARHST	studentRegistration HistoryAndExtension	Student Registration	Existing	SF	Student Registration History and Extension
SFARMSG	registrationErrorMessages	Student Registration	Existing	SF	Registration Error Messages
SFAROVR	registrationPermit OverridesControl	Student Registration	Existing	SF	Registration Permit-Overrides Control
SFARSTS	courseRegistrationStatus	Student Registration	Existing	SF	Course Registration Status Form
SFARWLP	reservedSeatsWaitlist PriorityManagement	Student Registration	Existing	SF	Reserved Seats Waitlist Priority Management
SFASRPO	studentRegistration PermitOverride	Student Registration	Existing	SF	Student Registration Permit- Override
SFASTCA	studentCourseRegistration Audit	Student Registration	Existing	SF	Student Course Registration Audit
SFATMST	timeStatusRules	Student Registration	Existing	SF	Time Status Rules
SFAWDRL	studentWithdrawal	Student Registration	Existing	SF	Student Withdrawal
SFAWLPR	waitlistPriority Management	Student Registration	Existing	SF	Waitlist Priority Management
SFAXWLP	crossListWaitlistPriority Management	Student Registration	Existing	SF	Cross List Waitlist Priority Management
SFIBSEL	studentBlockSelection Inquiry	Student Registration	New	SF	Student Block Selection Inquiry
SFIRGRP	studentRegistrationGroup Query	Student Registration	Existing	SF	Student Registration Group Query
SFIWDRL	studentWithdrawalInquiry	Student Registration	Existing	SF	Student Withdrawal Inquiry



Form	Banner 9.x Name	Application	New/ Existing	GUAPAGE Module	Description
SFIWLNE	waitlistNotificationErrorQuery	Student Registration	Existing	SF	Waitlist Notification Error Query
SFIWLNT	waitlistNotificationQuery	Student Registration	Existing	SF	Waitlist Notification Query
SFQSECM	registrationSectionQuery	Student Registration	Existing	SF	Registration Section Query
SFQSECT	registrationCourseQuery	Student Registration	Existing	SF	Registration Course Query
SOACTRL	curriculumRulesControl	Student Overall	Existing	SO	Curriculum Rules Control
SOAHOLD	holdInformation	Student Overall	Existing	SO	Hold Information
SOAIDNS	personSearchDetail	Student Overall	Existing	SO	Person Search Detail
SOAORUL	openLearningSectionDefaultRules	Student Overall	Existing	SO	Open Learning Section Default Rules
SOAREST	externalApiConnectionInformation	Student Overall	New	SO	External API Connection Information
SOASCPT	studentCentricPeriodTermControl	Student Overall	Existing	SO	Student Centric Period Term Control
SOATERM	termControl	Student Overall	Existing	SO	Term Control
SOAWDSP	webDisplayListCustomization	Student Overall	Existing	SO	Web Display List Customization
SOAWLTC	waitlistAutomationTermControl	Student Overall	Existing	SO	Waitlist Automation Term Control
SOAWSCR	overallPageAndFieldConfiguration	Student Overall	New	SO	Overall Page and Field Configuration
SPAAPIN	alternatePersonalIdentificationNumber	Student Registration	Existing	SF	Alternate Personal Identification Number
STVREST	externalApiInformation	Student Overall	New	SO	External API Information
STVRSTS	courseRegistrationStatusCodeValidation	Student Registration	Existing	SF	Course Registration Status Code Validation
STVWSFD	overallConfigurablePageField	Student Overall	New	SO	Overall Configurable Page Field
STVWSPG	overallConfigurablePage	Student Overall	New	SO	Overall Configurable Page

## Updated Pro C processes

---

The following C processes in Banner Student 8.7 have been modified for use with Banner Student Registration 9.2.

<b>Object Name</b>	<b>New/ Existing Report/ Process</b>	<b>Enhancement</b>	<b>Description</b>
sfpsbpa.pc	New	Block registration	Student Block Pre-Assignment Process
sfriblr.pc	New	Block registration	Incomplete Block Registration Report
sfrpres.pc	New	Projected registration	Schedule Planning Report

## New Java process

---

The following Java process has been modified for use with Banner Student Registration 9.2.

<b>Object Name</b>	<b>New/ Existing Process</b>	<b>Enhancement</b>	<b>Description</b>
sfpproj	New	Projected registration	Student Projection Process

## Objects new to Banner Security

---

The following objects are added to Banner Security in the Banner Student 8.7 release.

<b>Object Name</b>	<b>Object Type</b>
SFALPRO	Oracle form in 8.7
SFAPROJ	Oracle form in 8.7
SFPPROJ	Java process from job submission
SFRPRES	C process from job submission

# New for Banner Student Registration

## 9.2

---

New administrative forms as well as new reports and processes are delivered with this release for use with Banner Student Registration 9.2. Please refer to the *Banner Student Registration Release Guide 9.2* for more information on the enhancements associated with these items.

*These items are not used with Banner Student 8.x registration processing.*

### New 8.x Forms

---

Two new forms are delivered that are used with projected registration.

- Projection Configuration by Program Form (SFALPRO)
- Projection Maintenance Form (SFAPROJ)

Please refer to the “Projected Registration - Functional” section of the *Banner Student Registration Release Guide 9.2* for more information using these pages. These forms are also included in the *Banner Student 8.7 Online Help*.

### New 8.x Reports and Processes

---

*These reports and processes are run from job submission in Banner 8.x.*

A new process and report are delivered that are used with block registration.

- Student Block Pre-Assignment Process (SFPSBPA)
- Incomplete Block Registration Report (SFRIBLR)

Please refer to the “Block Registration - Functional” section of the *Banner Student Registration Release Guide 9.2* for more information using this process and report. The process and report are also included in the *Banner Student Reports Handbook 8.7*.

A new process and report are delivered that are used with projected registration.

- Student Projection Process (SFPPROJ)
- Schedule Planning Report (SFRPRES)

Please refer to the “Projected Registration - Functional” section of the *Banner Student Registration Release Guide 9.2* for more information using this process and report. The process and report are also included in the *Banner Student Reports Handbook 8.7*.

# Miscellaneous Enhancements

---

This section contains the following information:

- Updates to transcript request delivery method
- eTranscript modifications
- US Veterans 2014 data collection regulatory updates
- Modifications for Elevate support
- Updates to 150 Percent Subsidized Stafford Usage Limit Reporting
- Technical updates to COBOL processes

## Updates to transcript request delivery method

---

An update for the Self-Service transcript delivery method was included in the Banner Student Self-Service 8.6.0.1 patch. This affects the setup performed on the Transcript Type Rules Form (SHATPRT) and the data displayed on the Transcript Request Options page (`bwskwtrr.p_disp_transcript_request_data`).

The **Delivery Method** field on the Transcript Request Options page is now required for Self-Service transcript requests. If a delivery method is not selected, the user is prompted to select one to continue with the request.

This means that at least one service level record must be defined on SHATPRT in the Service Level block in the Self-Service Print Options window. A service level record must be defined for each transcript type that is available for Self-Service transcript processing.

If your institution does not charge for transcript requests, you need to create a service level record on SHATPRT with a **Charge** of \$0.00. This is displayed as a value of No Charge in the **Delivery Method** drop down in Self-Service.

Use clear Self-Service option code descriptions for the service level records on SHATPRT. For example, if you have a record with a **Description** of In Person Pick-up and a **Charge** of \$0.00, it is displayed in Self-Service as In Person Pick-up - No Charge.

## eTranscript modifications

---

Updates to eTranscript processing were delivered in the 8.6.2.1 patch release. Here are the changes.

You can now produce and send XML output for eTranscripts when the sender and receiver are defined as XML-capable by the transcript vendor. Do the following to implement this functionality.

1. Set up crosswalk values on SOAXREF with the **XML Indicator** checked (set to  $\checkmark$ ).

See the "Export Crosswalk Values on SOAXREF" section in the "Academic History" chapter of the *Banner Student User Guide*.

2. Refer to the list of SHATPRT fields that can be used to select data for inclusion in an XML transcript.

See the "XML Transcript Data Selection Using SHATPRT" topic in the "XML Transcript Processing" section in the "Academic History" chapter of the *Banner Student User Guide*

3. Verify that the source/background code for your institution also has an FICE code on STVSBGI.
4. Enter the default term type code and FICE code for your institution on SHACTRL.

Refer to the "XML Transcript Processing" section in the "Academic History" chapter of the *Banner Student User Guide* for further information on the setup steps for XML transcripts.

## US Veterans 2014 data collection

---

Updates have been delivered in Banner General 8.7.1, Banner Web General 8.7.0.1, and Banner Position Control 8.11.0.1 to meet the requirements for 2015 self-identify veteran reporting for federal contractors.

### Changed forms

In Banner Student, the following forms have been modified.

- General Person Identification Form (SPAIDEN)
- General Person Form (SPAPERS)
- Quick Entry Form (SAAQUIK)
- Electronic Application Submitted Form (SAAETBL)

The following changes have been made to each form.

- The **Veteran Category** field has been renamed **Veteran Classification**.

- New values are delivered for the **Veteran Classification** field.
  - Not a Veteran
  - Protected veteran (choosing not to self-identify the classification)
  - Not a Protected Veteran
  - Active Wartime or Campaign Badge Veteran
- The **Active Duty Separation Date** field has been renamed **Date of Discharge**.
- The **Special Disabled Veteran** field has been renamed **Disabled Veteran**.



**Note:** On SAAETBL, the only change was to rename the **Veteran Category** field to **Veteran Classification**.

The system required data for the Admissions Web Page Element Validation Form (STVWSCF) has been modified. The description for the VET\_CATEGORY element code has been modified from "Veteran Category" to "Veteran Classification". This change is delivered in the sarwapfu\_080700.sql script.

## Changed tables

The following tables have been updated for this release.

### Basic Person Base Table (SPBPERS)

New values are delivered for the SPBPERS\_VERA\_IND column on the Basic Person Base Table (SPBPERS).

- Null - Not a Veteran
- B - Protected veteran, choosing not to self-identify the classification
- V - Not a Protected Veteran
- O - Active Wartime or Campaign Badge Veteran

The spbpers\_080701\_01.sql script was delivered with Banner General to update the value of B to O to comply with the reassignment of field values.

### Electronic Admissions Person Table (SARPERS)

New values are delivered for the SARPERS\_VERA\_IND column on the Electronic Admissions Person Table (SARPERS).

- Null - Not a Veteran
- B - Protected veteran, choosing not to self-identify the classification
- V - Not a Protected Veteran

- O - Active Wartime or Campaign Badge Veteran

The `sarpers_080700_01.sql` script is delivered to update the column comment. The `sarpersu_080700.sql` script is delivered to update the value of B to O to comply with the reassignment of field values.

## Changed Self-Service page

The following page in Banner Student Self-Service has been modified.

### Personal Information page (`bwskaper.P_DisAppPersonal`)

The Personal Information page (`bwskaper.P_DisAppPersonal`) has been modified in Banner Student Self-Service Admissions.

The **Veteran Category** field has been renamed **Veteran Classification**. The values have been updated to:

- Not a Veteran
- Protected veteran (choosing not to self-identify the classification)
- Not a Protected Veteran
- Active Wartime or Campaign Badge Veteran

## Modifications for Elevate support

---

Elevate provides a Student Information System (SIS) for use by an institution's Continuing Education office. It assists registrars, continuing education counselors, and workforce development counselors with course management and facilitates registration for continuing education courses. It also aids with the management of continuing education data. Elevate can be integrated with Banner Student.

In Banner Student, Course Catalog and Class Schedule forms are restricted to prevent modifications to Elevate courses or sections. Also, Elevate sections are prevented from being copied (SSASECT) or rolled (SSRROLL) to a new term, so new sections cannot be created.

Fine-Grained Access Control (FGAC) and Value-Based Security (VBS) are used to restrict access to Elevate data to read only. Scripts and seed data are delivered for FGAC and VBS.

- A course is considered to be an Elevate course when the integration partner value in the `SCRINTG_INTG_CDE` field is `ELEV8`, or when the value in the `SCBCRSE_DATA_ORIGIN` field is `Elevate`.

- A section is considered to be an Elevate course when the integration partner value in the `SSBSECT_INTG_CDE` field is `ELEV8`

## Forms restricted using FGAC

On the following forms, you can view Elevate courses. You cannot perform any inserts, updates, or deletions for Elevate courses.

- Basic Course Information Form (SCACRSE)
- Course Detail Information Form (SCADETL)
- Course Registration Restrictions Form (SCARRES)
- Catalog Prerequisite and Test Score Restrictions Form (SCAPREQ)
- Catalog Schedule Restrictions Form (SCASRES)
- College and Department Text Form (SCATEXT)
- Course Syllabus Form (SCASYLB)
- Mutual Course Exclusion Form (SCAMEXC)

On the following forms, you can view Elevate sections. You cannot perform any inserts, updates, or deletions for Elevate sections.

- Faculty Assignment Form (SIAASGN)
- Schedule Form (SSASECT)
- Schedule Detail Form (SSADETL)
- Schedule Restrictions Form (SSARRES)
- Schedule Prerequisite and Test Score Restrictions Form (SSAPREQ)
- Section Comment Form (SSATEXT)
- Section Web Controls Form (SSAWSEC)
- Schedule Evaluation Form (SSAEVAL)
- Schedule Override Form (SSAOVRR)
- Schedule Calendar Form (SSAACCL)
- Schedule Processing Rules Form (SSARULE)
- Section Syllabus Form (SSASYLB)



## Changed report

The following report has been modified for this enhancement.

### Term Roll Report (SSRROLL)

The SSRROLL report has been modified to skip Elevate sections and not roll them to a new term. The `rollsec_ptrmcode_null` and `rollsect` procedures have been modified to use Fine-Grained Access Control (FGAC) security settings to determine when the section is an Elevate section.

## New packages

The following packages have been added for this enhancement.

### SPKCMTH0/SPKCMTH1/

This package is a wrapper PLSQL package for the person common matching rule. The package supports an API which is used to find duplicate persons in the system using the common matching rule.

### SIKWKLD0/SIKWKLD1

This package is used to calculate the workload of a faculty member using his/her contract information.

## Elevate and Banner FGAC and VBS

Banner users are prevented from modifying Course Catalog and Class Schedule data that originates from the Elevate system. The Oracle ID that executes the API to post catalog course and schedule section entries from Elevate must still be able to insert, update, and delete data. Therefore, FGAC with VBS is used to control access to the data. Seed data and scripts are delivered to run the required processes, including defining the FGAC rule and predicates and enabling policies.

For more information on using FGAC with VBS, refer to the *Banner General Data Security Handbook* and the "Student System Management" chapter of the *Banner Student User Guide*.

## Guidelines for Oracle user that submits API

The Oracle user that is created and used in the authorization header of the API that posts catalog and schedule entries to Banner must have the following:

1. Default proxy access to `BAN_PROXY`

2. Default connect and ban\_default\_m access
3. Access to security class for the API\_ELEVATE\_CLASS Elevate API. This API includes objects for each API that has an object name such as API\_ELEVATE%.

The Oracle user should be able to log in to SQL\*Plus but does not have any Banner table access.

## Update scripts

Scripts and seed data are delivered to control access to Course Catalog and Class Schedule. Scripts are used set up and populate the Business Profile and the FGAC and VBS rules, predicates, and restrictions. Users are listed in a Banner business profile, and the business profile is restricted on the FGAC predicate.

Here is the list of scripts, in the order in which they must be run. A description of each script follows.

1. sgtvintpi\_080700.sql
2. sgorintgi\_080700.sql
3. sgtvfdmni\_080700.sql
4. sgobfdmni\_080700.sql
5. sgorfdpli\_080700.sql
6. sgtvfgaci\_080700.sql
7. sgtvfbpri\_080700.sql
8. sgobfgaci\_080700.sql
9. sgorfbpri\_080700.sql
10. sgorfprdi\_080700.sql
11. sgorfgbpi\_080700.sql
12. sgorfdplu\_080700.sql
13. sgorfbpri\_sync\_job.sql

### sgtvintpi\_080700.sql

This script is delivered as part of the DML directory and is used to create a record in the GTVINTP table for the integration partner code. The data is displayed on the Integration Partner System Code Validation Form (GTVINTP).

Integration Partner System	Description
ELEV8	Elevate Partner

### sgorintgi\_080700.sql

This script is delivered as part of the DML directory and is used to create a record in the GORINTG table for the integration partner code. The data is displayed on the Integration System Partner Rules Form (GORINTG).

<b>Integration Partner Value</b>	<b>Description</b>	<b>Cross Referenced Partner System</b>	<b>Description</b>
ELEV8	Elevate	ELEV8	Elevate Partner

### sgtvfdmni\_080700.sql

This script is delivered as part of the DML directory and is used to insert new VBS domains for the Course Catalog module in the GTVFDMN table. This data is displayed on the FGAC Domain Validation Form (GTVFDMN).

<b>VBS Domain Code</b>	<b>Description</b>	<b>Additional Information</b>
SB_CATALOG_ELEVATE_VBS	Student Catalog Elevate VBS Security	Used for policy driven by the SCBCRKY table on all Catalog tables except SCRINTG
SB_SCRINTG_ELEVATE_VBS	Student Catalog Elevate VBS Security	Used for policy driven by the SCBCRKY table only on the SCRINTG table

### sgobfdmni\_080700.sql

This script is delivered as part of the DML directory and is used to insert the SCBCRKY driver table for the two new VBS domains into the GOBFDMN table.

<b>Domain Code</b>	<b>Table Name</b>	<b>Domain Type Predicate Code</b>	<b>Sys Req</b>	<b>Enable PII</b>
SB_CATALOG_ELEVATE_VBS	SCBCRKY	VBS	Y	N
SB_SCRINTG_ELEVATE_VBS	SCBCRKY	VBS	Y	N

sgorfdpli\_080700.sql

This script is delivered as part of the DML directory and is used to insert table definitions for the Course Catalog tables defined for the SB\_CATALOG\_ELEVATE\_VBS and SB\_CATALOG\_ELEVATE\_VBS domains into the GORFDPL table.

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_SCRINTG_ELEVATE_VBS	SCRINTG	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRINTG_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRINTG_SUBJ_CODE  from dual where not exists ( select 1 from gorfddl where gorfdpl_fdmn_code = 'SB_SCRINTG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRINTG');</pre>
SB_SCRINTG_ELEVATE_VBS	SCBCRKY	Y	N	<pre>from dual where not exists ( select 1 from gorfddl where gorfdpl_fdmn_code = 'SB_SCRINTG_ELEVATE_VBS' and gorfdpl_table_name = 'SCBCRKY');</pre>
SB_CATALOG_ELEVATE_VBS	SCRINTG	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRINTG_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRINTG_SUBJ_CODE  from dual where not exists ( select 1 from gorfddl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRINTG');</pre>
SB_CATALOG_ELEVATE_VBS	SCBCRKY	Y	N	<pre>from dual where not exists ( select 1 from gorfddl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCBCRKY');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCBCRSE	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCBCRSE_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCBCRSE_SUBJ_CODE  '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCBCRSE');</pre>
SB_CATALOG_ELEVATE_VBS	SCBDESC	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCBDESC_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCBDESC_SUBJ_CODE  '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCBDESC');</pre>
SB_CATALOG_ELEVATE_VBS	SCBSUPP	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCBSUPP_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCBSUPP_SUBJ_CODE  '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCBSUPP');</pre>
SB_CATALOG_ELEVATE_VBS	SCRATTR	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRATTR_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRATTR_SUBJ_CODE  '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRATTR');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRCLBD	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRCLBD_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRCLBD_SUBJ_CODE  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRCLBD');</pre>
SB_CATALOG_ELEVATE_VBS	SCRCORQ	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRCORQ_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRCORQ_SUBJ_CODE  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRCORQ');</pre>
SB_CATALOG_ELEVATE_VBS	SCRCPRT	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRCPRT_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRCPRT_SUBJ_CODE  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRCPRT');</pre>
SB_CATALOG_ELEVATE_VBS	SCRCRDF	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRCRDF_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRCRDF_SUBJ_CODE  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRCRDF');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCREQIV	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCREQIV_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCREQIV_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCREQIV');</pre>
SB_CATALOG_ELEVATE_VBS	SCRFEES	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRFEES_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRFEES_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRFEES');</pre>
SB_CATALOG_ELEVATE_VBS	SCRGMOD	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRGMOD_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRGMOD_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRGMOD');</pre>
SB_CATALOG_ELEVATE_VBS	SCRLEVL	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRLEVL_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRLEVL_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRLEVL');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRMEXC	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRMEXC_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRMEXC_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRMEXC');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRARE	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRARE_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRARE_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRARE');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRATT	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRATT_CRSE_NUMB  AND SCBCRKY_SUBJ_CODE = SCRRATT_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRATT');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRCAM	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRCAM_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRCAM_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRCAM');</pre>



Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRRCHR	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRCHR_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRCHR_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRCHR');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRCLS	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRCLS_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRCLS_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRCLS');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRCMP	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRCMP_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRCMP_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRCMP');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRCOL	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRCOL_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRCOL_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRCOL');</pre>



Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRRPRG	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRPRG_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRPRG_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRPRG');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRTRM	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRTRM_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRTRM_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRTRM');</pre>
SB_CATALOG_ELEVATE_VBS	SCRRTST	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRRTST_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRRTST_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRRTST');</pre>
SB_CATALOG_ELEVATE_VBS	SCR SBGI	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCR SBGI_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCR SBGI_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCR SBGI');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRSCHD	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRSCHD_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRSCHD_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRSCHD');</pre>
SB_CATALOG_ELEVATE_VBS	SCRSYLN	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRSYLN_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRSYLN_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRSYLN');</pre>
SB_CATALOG_ELEVATE_VBS	SCRSYLO	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRSYLO_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRSYLO_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRSYLO');</pre>
SB_CATALOG_ELEVATE_VBS	SCRSYRM	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRSYRM_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRSYRM_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRSYRM');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_CATALOG_ELEVATE_VBS	SCRSYTR	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRSYTR_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRSYTR_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRSYTR');</pre>
SB_CATALOG_ELEVATE_VBS	SCRTEXT	Y	N	<pre>' EXISTS (SELECT 'X' FROM SCBCRKY WHERE SCBCRKY_CRSE_NUMB = SCRTEXT_CRSE_NUMB AND SCBCRKY_SUBJ_CODE = SCRTEXT_SUBJ_CODE '  from dual where not exists ( select 1 from gorfdpl where gorfdpl_fdmn_code = 'SB_CATALOG_ELEVATE_VBS' and gorfdpl_table_name = 'SCRTEXT');</pre>
SB_SCHEDULE_VBS	SIRASGN	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SIRASGN_CRN AND SSBSECT_TERM_CODE = SIRASGN_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SIRASGN');</pre>
SB_SCHEDULE_VBS	SSRRATT	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SSRRATT_CRN AND SSBSECT_TERM_CODE = SSRRATT_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SSRRATT');</pre>

Domain Code	Table Name	Sys Req	Active Ind	Driver SQL
SB_SCHEDULE_VBS	SSBWLSC	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SSBWLSC_CRN AND SSBSECT_TERM_CODE = SSBWLSC_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SSBWLSC');</pre>
SB_SCHEDULE_VBS	SSRCLBD	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SSRCLBD_CRN AND SSBSECT_TERM_CODE = SSRCLBD_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SSRCLBD');</pre>
SB_SCHEDULE_VBS	SSRRCHR	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SSRRCHR_CRN AND SSBSECT_TERM_CODE = SSRRCHR_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SSRRCHR');</pre>
SB_SCHEDULE_VBS	SSRRDEP	Y	Y	<pre>' EXISTS (SELECT 'X' FROM SSBSECT WHERE SSBSECT_CRN = SSRRDEP_CRN AND SSBSECT_TERM_CODE = SSRRDEP_TERM_CODE'  FROM dual WHERE NOT EXISTS (SELECT 1 FROM gorfdpl WHERE GORFDPL_FDMN_CODE ='SB_SCHEDULE_VBS' AND GORFDPL_TABLE_NAME='SSRRDEP');</pre>

### sgtvfgaci\_080700.sql

This script is delivered as part of the DML directory and is used to insert the VBS rule code used to identify the Elevate rules into the GTVFGAC table. This data is displayed on the FGAC Group Validation Form (GTVFGAC).

FGAC Code	Description
ELEVATE	Elevate Restrictions

### sgtvfbpri\_080700.sql

This script is delivered as part of the DML directory and is used to create the business profile code in the GTVFBPR table. The data is displayed on the FGAC Business Profile Validation Form (GTVFBPR).

FGAC Business Profile Code	Description
ELEVATE	Restrict Users from Elevate Data

### sgobfgaci\_080700.sql

This script is delivered as part of the DML directory and is used to insert the header record into the GOBFGAC table. The header record stores the **Active** indicator setting and the **Effective Date** value. The data is displayed on the FGAC Group Rules Form (GOAFGAC) for the **Group** value in the Key Block.

FGAC Code	Active Ind	Effective Date
ELEVATE	Y	SYSDATE

### sgorfbpri\_0080700.sql

This script is delivered as part of the DML directory and is used to populate the business profile with users in the GORFBPR table. The data is displayed on the FGAC Business Profile Assignments Form (GOAFBPR) for the **FGAC Business Profile Code** value and the associated **Fine-Grained Access User ID** values.

FGAC User ID	Business Profile Code
a.username	ELEVATE

### sgorfprdi\_080700.sql

This script is delivered as part of the DML directory and is used to create the predicates. The predicates state that the user assigned to the rule can insert, update, delete data, when the selects are true.

Entries are created for catalog (SB\_CATALOG\_ELEVATE\_VBS), (SB\_SCRINTG\_ELEVATE\_VBS), and schedule (SB\_SCHEDULE\_VBS) in the GORFPRD table where the GORFPRD\_FGAC\_CODE is ELEVATE. (Entries use the VBS domains that are part of the existing baseline seed data.) The data is displayed on the FGAC Group Rules Form (GOAFGAC).

FGAC Code	Domain Code	Seq Num	Predicate
ELEVATE	SB_SCHEDULE_VBS	1	<pre>select 'ELEVATE',       'SB_SCHEDULE_VBS',       1,       sysdate,       user,       'nvl(SSBSECT_INTG_CDE, 'x') !=       'ELEV8''  from dual where not exists ( select 1 from gorfprd where gorfprd_fgac_code = 'ELEVATE' and gorfprd_fdmn_code = 'SB_SCHEDULE_VBS');</pre>
ELEVATE	SB_CATALOG_VBS	2	<pre>select 'ELEVATE',       'SB_CATALOG_ELEVATE_VBS',       2,       sysdate,       user,       ' not exists ( select 1 from scrintg vbs where vbs.scrintg_subj_code = scbcrky_subj_code and vbs.scrintg_crse_num = scbcrky_crse_num and vbs.scrintg_intg_cde = 'ELEV8' )'  from dual where not exists ( select 1 from gorfprd where gorfprd_fgac_code = 'ELEVATE' and gorfprd_fdmn_code = 'SB_CATALOG_ELEVATE_VBS');</pre>



FGAC Code	Domain Code	Seq Num	Predicate
ELEVATE	SB_SCRINTG_VBS	3	<pre> select 'ELEVATE',       'SB_SCRINTG_ELEVATE_VBS',       3,       sysdate,       user,       ' not exists ( select 1 from scbcrse vbs where vbs.scbcrse_subj_code = scbcrky_subj_code and vbs.scbcrse_crse_num = scbcrky_crse_num and upper(nvl(vbs.scbcrse_data_origin,'X')) ) = 'ELEVATE' )' from dual where not exists ( select 1 from gorfprd where gorfprd_fgac_code = 'ELEVATE' and gorfprd_fdmn_code = 'SB_SCRINTG_ELEVATE_VBS' ); </pre>

### sgorfgbpi\_080700.sql

This script is delivered as part of the DML directory and is used to insert access definition/restrictions for the three domains on the Elevate VBS rule into the GORFGBP table. Access is through the business profile. The ability to select, insert, update, and delete data is determined by the predicate. The settings for the GORFGBP\_SELECT\_IND, GORFGBP\_INSERT\_IND, GORFGBP\_UPDATE\_IND, and GORFGBP\_DELETE\_IND are displayed on the FGAC Group Rules Form (GOAFGAC).

FGAC Code	Domain Code	Predicate Seq Num	FBPR Code	Select Ind	Insert Ind	Update Ind	Delete Ind
ELEVATE	SB_SCHEDULE_VBS	1	ELEVATE	N	Y	Y	Y
ELEVATE	SB_CATALOG_ELEVATE_VBS	2	ELEVATE	N	Y	Y	Y
ELEVATE	SB_SCRINTG_ELEVATE_VBS	3	ELEVATE	N	Y	Y	Y

### sgorfdplu\_080700.sql

This script is delivered as part of the DML directory and is used to update the status on the domain policy tables to "active" in the GORFDPL table.

Domain Code	Table Name	Active Ind
SB_CATALOG_ELEVATE_VBS	All tables in GORFDPL with domain SB_CATALOG_ELEVATE_VBS except SCRINTG	Y
SB_SCHEDULE_VBS	All tables in GORFDPL with domain SB_SCHEDULE_VBS	Y
SB_SCRINTG_ELEVATE_VBS	SCRINTG	Y

### sgorfbpri\_sync\_job.sql

This script is delivered as part of the PLUS directory and is used to schedule a daily job (at 3:00 AM) to populate the business profile with new Oracle users in the GORFBPR table.

## FGAC tips

When using FGAC, remember the following.

- Variables for FGAC in Banner are managed within the Oracle session. If the predicate or restrictions are changed, the user must log out of Banner and re-enter a new session to pick up any changes.
- The scripts used to enable the policies should be run after regular business hours.

## Create/activate FGAC policies

After running the Elevate FGAC seed data scripts, the `gfvbsaddpol.sql` script must be run to create policies for Banner tables. The `gfvbsaddpol.sql` script is located in the Banner General PLUS directory.

### Use BANINST1 to run gfvbsaddpol.sql

You must use the BANINST1 User ID when you run the script to create the policies. The predicate package owner must equal the policy owner. In this case, GOKFGAC is owned by BANINST1.

1. From SQL\*Plus, run the `gfvbsaddpol.sql` script while logged in with the BANINST1 User ID.
2. You are prompted for a table name. You can use wildcards (SS for Schedule tables, SC for Catalog tables).
3. Provide the owner name for the table owner when prompted, for example SSBSECT is owned by SATURN.

This task is performed once per module with the to create policies for SC% and SS% tables as identified in the GORFDPL table. The script will create a policy for each table.

This task does not need to be repeated if the `gorfdpl_driver.sql` script changes, the table is added to another domain, or there is any change to the domain and table.



**Note:** The `gfvbsaddpol.sql` script is can be rerun and restarted. The process will not try to recreate a policy. If the policy exists, the task to add the policy is skipped.

Run `gfvbsaddpol.sql` for the following tables.

- SCBCRKY
- SCBCRSE
- SCBDESC
- SCBSUPP
- SCRATTR
- SCRCLBD
- SCRCORQ
- SCRCPRT
- SCRCRDF
- SCREQIV
- SCRFEES
- SCRGMOD
- SCRINTG
- SCRLEVEL
- SCRMEXC
- SCRRARE
- SCRRATT
- SCRRCAM
- SCRRCHR
- SCRRCLS
- SCRRCMP
- SCRRCOL
- SCRRDEG
- SCRRDEP
- SCRRLVL
- SCRRMAJ
- SCRRPRG
- SCRRTRM

- SCRRTST
- SCRSBGI
- SCRSCHD
- SCRSYLN
- SCRSYLO
- SCRSYRM
- SCRSYTR
- SCRTEXT
- SIRASGN
- SSBWLSC
- SSRCLBD
- SSRCLBD
- SSRRATT
- SSRRCHR
- SSRRDEP

## View Policy Data from SQL\*Plus

GORFDPL creates four policies per table, one each for the insert, update, delete and select items. All have the package defined as GOKFGAC and must be owned by BANINST1.

### Policy names

The `gokfgac.f_get_policy_name` function ensures that the policy name created is less than 30 characters in length.

- If the table name length is less than 19 characters, the policy name will use the following pattern: `GOKFGAC_tablename_INS` (INS, UPD, DEL, SEL)
- If the table name length is 19 or greater characters, the policy name will use the following pattern: `tablename_I` (I, U, D, S)

### Drop a policy

To drop a policy, run the `gfgacdroppol.sql` script from Banner General PLUS directory using the BANINST1 ID. This script accepts wildcards for the table name prompt.

## Schedule a daily job to populate the business profile

A `sgorfbpri_sync_job.sql` script is delivered with this release and can be found in the PLUS directory. It is run using the SATURN ID. It is used to schedule the

synchronization process for the user IDs that adds new Oracle users that Elevate group business profile.

Automation of the synchronization process ensures that newly created users are not able to modify any data related to Elevate courses and sections. The default synchronization is performed each day at 3:00 AM. The default value can be changed according to your site-specific synchronization interval requirements.

## Updates to 150 Percent Subsidized Stafford Usage Limit Reporting

---

Changes were made to enrollment reporting based on NSC requirements. These changes were delivered in the 8.6.6.2 patch release.

### Report default nation code

A new Default Nation Code parameter has been added to the NSLDS SSCR Process (SFRSSCR) and the Clearinghouse Extract Report (SFRNSLC) to report the default EDI nation code for the student's address. This value is used whenever the SPRADDR\_NATN\_CODE column is Null. This parameter is optional, and if left blank, no default value is captured.

The reporting process validates the EDI equivalent nation code, for example "157" is equal to "US". The user needs to enter the default EDI nation code for "US" that is associated with the institution's EDI equivalent for "US".

### Processing changes

The SFKCPLR/SFKCPL1 package has been modified to treat each major as a separate record. For example, when a student is pursuing one degree with one curriculum record with two majors, each major is reported separately. The field of study statement now uses an indicator of P for program, instead of M for major. The major description is also reported.

The current, inactive curriculum records are only reported if they have become inactive since July 1, 2014. Withdrawn programs prior to this date will not be reported. The date the program was withdrawn from is compared to the dates in the log file. The logic looks at the SORLCUR\_ACTIVITY\_DATE\_UPDATE value for the program status start date for withdrawn programs, instead of the activity date on the curriculum record. When a student withdraws from a program, that program should be reported two times and then dropped from future SFRNSLC reports.

## Additional updates to SFRSSCR

Students who are missing SSNs on SFBPERS are not included in the process output.

The Aid Year Code(s) parameter is no longer used. The description is *Parameter not in use*.

The OPEID parameter has been added. This parameter is optional. Enter the number for the OPEID where the enrollment is certified. This is the combined six-digit school code and the two-digit school location code. If only six digits are in use, add "00" to the end of the string.

## Additional updates to SFRNSLC

A new Citizenship parameter has been added to the report. When this parameter is set to Y, citizenship is reported based on the value in the STVCITZ\_EDI\_EQUIV column where the value in the SPBPERS\_CITZ\_CODE column is equal to the value in the STVCITZ\_CODE column.

When SFRNSLC is run with the Run Mode parameter is set to 1 (Report of Missing/Invalid Data), birthdate information is included in the error report. This data is required. When the SPBPERS\_BIRTH\_DATE column is Null, this is also included in the error report.

When the Gender parameter is set to Y, gender is reported based on the value in the SPBPERS\_SEX column. This data is not required. If this column is set to N, that is reported as U.

When the Race parameter is set to Y, the value of the STVETHN\_EDI\_EQUIV column is reported where the value of the SPBPERS\_ETHN\_CODE column is equal to the value in the STVETHN\_CODE column. This data is not required.

When the Email Address parameter is set to Y, email address data is reported. This data is not required.

When the SPBPERS\_SSN field is Null, NO SSN is printed on the report output.

When a program does not have the **Special Program** field set to a certificate or degree value on SFACPLR, a default value of N is attached to the student's record.

Data for all credential level fields is retrieved from the SFACPLR rule, not from the credential level translations on STVACAT.

The NSLDS value of 99 uses the NSC equivalent value of PC for processing.

# Technical updates to COBOL programs

---

The following COBOL programs used with Banner Student have been modified for the correction to change resolution CR-000113742.

Oracle database version 12c(12.1.0.1.0 requires specifying the password length before connecting to the database. Code was modified to determine and set the password length prior to issuing the CONNECT IDENTIFIED BY command.

<b>Report or Process</b>	<b>Description</b>
SLRSCH	Batch Housing Schedules Report
SCTC1000	Course Interface Extract
SCTC1500	Course Schedule Load
SCTC2000	Course Request Update
SCTC3000	Course Request Extract
SCTD0600	Student Schedule Update
SCTH1000	Person Interface Extract

# Concurrent Curricula Updates

---

This section discusses technical changes related to new Banner views used with concurrent curricula processing.

## New Banner views

---

The following views are new for this release.

### Curricula by Term View (SOVCLTR)

This view is used to simplify the selection of curriculum data by term.

The following columns are in this view.

SOVCLTR\_STVTERM\_CODE  
SOVCLTR\_PIDM  
SOVCLTR\_SEQNO  
SOVCLTR\_LMOD\_CODE  
SOVCLTR\_TERM\_CODE  
SOVCLTR\_KEY\_SEQNO  
SOVCLTR\_PRIORITY\_NO  
SOVCLTR\_ROLL\_IND  
SOVCLTR\_CACT\_CODE  
SOVCLTR\_USER\_ID  
SOVCLTR\_DATA\_ORIGIN  
SOVCLTR\_ACTIVITY\_DATE  
SOVCLTR\_LEVEL\_CODE  
SOVCLTR\_COLL\_CODE  
SOVCLTR\_DEGC\_CODE  
SOVCLTR\_TERM\_CODE\_CTLG  
SOVCLTR\_TERM\_CODE\_END  
SOVCLTR\_TERM\_CODE\_MATRIC  
SOVCLTR\_TERM\_CODE\_ADMIT  
SOVCLTR\_ADMT\_CODE  
SOVCLTR\_CAMP\_CODE  
SOVCLTR\_PROGRAM  
SOVCLTR\_START\_DATE  
SOVCLTR\_END\_DATE  
SOVCLTR\_CURR\_RULE  
SOVCLTR\_ROLLED\_SEQNO



SOVCLTR\_CURRENT\_IND  
 SOVCLTR\_ACTIVE\_IND  
 SOVCLTR\_STUDYPATH\_NAME  
 SOVCLTR\_OUTCOME\_TERM  
 SOVCLTR\_ROWID  
 SOVCLTR\_STYP\_CODE  
 SOVCLTR\_SITE\_CODE  
 SOVCLTR\_RATE\_CODE  
 SOVCLTR\_LEAV\_CODE  
 SOVCLTR\_LEAV\_FROM\_DATE  
 SOVCLTR\_LEAV\_TO\_DATE  
 SOVCLTR\_TERM\_CODE\_GRAD  
 SOVCLTR\_ACYR\_CODE  
 SOVCLTR\_EXP\_GRAD\_DATE  
 SOVCLTR\_APPL\_KEY\_SEQNO  
 SOVCLTR\_APPL\_SEQNO  
 SOVCLTR\_USER\_ID\_UPDATE  
 SOVCLTR\_ACTIVITY\_DATE\_UPDATE  
 SOVCLTR\_GAPP\_SEQNO  
 SOVCLTR\_CURRENT\_CDE  
 SOVCLTR\_CLAS\_CODE

## Current and Active Primary Curriculum by Term View (SOVCLTP)

This view is used to simplify the selection of current and active primary curriculum data by term.

The following columns are in this view.

SOVCLTP\_STVTERM\_CODE  
 SOVCLTP\_PIDM  
 SOVCLTP\_SEQNO  
 SOVCLTP\_LMOD\_CODE  
 SOVCLTP\_TERM\_CODE  
 SOVCLTP\_KEY\_SEQNO  
 SOVCLTP\_PRIORITY\_NO  
 SOVCLTP\_ROLL\_IND  
 SOVCLTP\_CACT\_CODE  
 SOVCLTP\_USER\_ID  
 SOVCLTP\_DATA\_ORIGIN  
 SOVCLTP\_ACTIVITY\_DATE  
 SOVCLTP\_LEVL\_CODE  
 SOVCLTP\_COLL\_CODE  
 SOVCLTP\_DEGC\_CODE  
 SOVCLTP\_TERM\_CODE\_CTLG

SOVCLTP\_TERM\_CODE\_END  
 SOVCLTP\_TERM\_CODE\_MATRIC  
 SOVCLTP\_TERM\_CODE\_ADMIT  
 SOVCLTP\_ADMT\_CODE  
 SOVCLTP\_CAMP\_CODE  
 SOVCLTP\_PROGRAM  
 SOVCLTP\_START\_DATE  
 SOVCLTP\_END\_DATE  
 SOVCLTP\_CURR\_RULE  
 SOVCLTP\_ROLLED\_SEQNO  
 SOVCLTP\_CURRENT\_IND  
 SOVCLTP\_ACTIVE\_IND  
 SOVCLTP\_STUDYPATH\_NAME  
 SOVCLTP\_OUTCOME\_TERM  
 SOVCLTP\_ROWID  
 SOVCLTP\_STYP\_CODE  
 SOVCLTP\_SITE\_CODE  
 SOVCLTP\_RATE\_CODE  
 SOVCLTP\_LEAV\_CODE  
 SOVCLTP\_LEAV\_FROM\_DATE  
 SOVCLTP\_LEAV\_TO\_DATE  
 SOVCLTP\_TERM\_CODE\_GRAD  
 SOVCLTP\_ACYR\_CODE  
 SOVCLTP\_EXP\_GRAD\_DATE  
 SOVCLTP\_APPL\_KEY\_SEQNO  
 SOVCLTP\_APPL\_SEQNO  
 SOVCLTP\_USER\_ID\_UPDATE  
 SOVCLTP\_ACTIVITY\_DATE\_UPDATE  
 SOVCLTP\_GAPP\_SEQNO  
 SOVCLTP\_CURRENT\_CDE  
 SOVCLTP\_CLAS\_CODE

## Curriculum data selection

Here is detailed information on using these views to select curriculum records.

### Admissions, Recruit, and Outcome

Selecting data by admissions, recruit, and outcome is similar to previous implementations using SOVLCUR. The SOVCLTR view will return all curriculum records, even those that are not current or are inactive. The SOVCLTP view will return only the current and active primary curriculum record.

```

Select curriculums for all applications
Select * from sovcltr where sovcltr_pidm = :pidm
and sovcltr_lmod_code = ( select sb_curriculum_str.f_admissions from dual)
  
```

```
and sovcltr_current_ind = 'Y'  
and sovcltr_active_ind = 'Y'  
order by sovcltr_key_seqno, sovcltr_priority_no;
```

```
Select * from sovcltp where sovcltp_pidm = :pidm  
and sovcltp_lmod_code = ( select sb_curriculum_str.f_admissions from dual)  
order by sovcltp_key_seqno ;
```

#### Select curriculum records for a specific application

```
Select * from sovcltr where sovcltr_pidm = :pidm  
and sovcltr_lmod_code = ( select sb_curriculum_str.f_admissions from dual)  
and sovcltr_current_ind = 'Y'  
and sovcltr_active_ind = 'Y'  
and sovcltr_key_seqno = 1  
order by sovcltr_key_seqno, sovcltr_priority_no;  
Select * from sovcltp where sovcltp_pidm = :pidm  
and sovcltp_key_seqno = 1  
and sovcltp_lmod_code = ( select sb_curriculum_str.f_admissions from dual)  
order by sovcltp_key_seqno ;
```

To select outcome or recruit use the above examples substituting the `sb_curriculum_str.f_outcome` and `sb_curriculum_str.f_recruit` for the learner module.

## Learner

Selecting learner requires that another item be added to the where clause to specify the effective term. Always include the condition `sovcltr_stvterm_code = :term` to select just the curriculum records that are effective for the term.

```
Select * from sovcltr where sovcltr_pidm = :pidm  
and sovcltr_lmod_code = ( select sb_curriculum_str.f_learner from dual)  
and sovcltr_current_ind = 'Y'  
and sovcltr_active_ind = 'Y'  
and sovcltr_stvterm_code = :term  
order by sovcltr_key_seqno, sovcltr_priority_no, sovcltr_seqno desc;
```

```
Select * from sovcltp where sovcltp_pidm = :pidm  
and sovcltp_stvterm_code = :term  
and sovcltp_lmod_code = ( select sb_curriculum_str.f_learner from dual)  
order by sovcltp_key_seqno ;
```

Include the `sovcltr_seqno desc` in the order clause when selecting all curriculum records to have the current curriculum record at the top of the list.

SOVCLTP selects only primary current and active for the learner for each study path by term, and if using study paths is not implemented for the term.

# Resolutions

---

The *Banner Student Resolutions Report 8.7* is a companion to this release guide. The Resolutions Report provides summary information about the change requests that are resolved in Banner Student 8.7. Use the following steps to access the Resolutions Report on the Ellucian Support Center:

1. Go to the Ellucian Client Support web site: <http://www.ellucian.com/Solutions/Ellucian-Client-Support>.
  2. Click the **Ellucian Hub** button to log in to the Ellucian Hub.
  3. Choose the Ellucian Download Center application.
- or
- Choose the Ellucian Support Center application.