



## Banner Student Release Notes

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# Banner Student Release Notes

These release notes describe enhancements, new features, and updates in the Banner Student releases.

For previous versions of release documentation not available here, go to the Ellucian Customer Center and search for the content pack with the product name and version number you are seeking.

To download more documents to support the installation or upgrade of a release, such as the resolutions report and object list, click **More**  and then **Attachment** to select a zip file associated with the release.


## 2020 Releases

Banner Student releases in year 2020.

- Banner Student 8.20.3/9.3.22
- Banner Student 8.20.2/9.3.21
- Banner Student 8.20.1
- Banner Student 8.20/9.3.20

## Release 9.3.22 and 8.20.3

Banner Student 9.3.22 and 8.20.3 release provides new features, enhancements and defect corrections.

To download the supporting documentation for this release, click **More**  and then **Attachment** to select the zip file associated with the release. The zip file contains the following files:

- Banner\_Student\_Installation\_Reference\_9.3.22.txt
- Banner\_Student\_Resolutions\_Report\_9.3.22\_December\_2020.txt
- Banner\_Student\_Release\_Notes\_9.3.22\_8.20.3\_December\_2020.pdf
- Banner\_Student\_Reports\_9.3.22\_8.20.3\_December\_2020.pdf
- Banner\_Student\_Use\_9.3.22\_8.20.3December\_2020.pdf
- Banner\_Student\_Resolutions\_Report\_8.20.3\_December\_2020.txt
- Banner\_Student\_Object\_List\_8.20.3\_December\_2020.pdf
- Banner\_Student\_Upgrade\_Guide\_8.20.3\_December\_2020.pdf

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## New Features

### Return to Title IV for Student Centric Periods

With this release, Ellucian has added code changes to Banner Student to prepare for a future enhancement, which will enable you to calculate Title IV refunds for a student who is registered in a student centric period. Upcoming releases in 2021 will complete the work for this enhancement and enable the functionality.

### Withdraw students on the Student Centric Registration History (SFASCPR) page

Ellucian has added a new Withdrawal section to SFASCPR. You will be able to use this section to withdraw a student from enrollment in a student centric period.

If a student registered in a student centric period withdraws at a time when you would need to adjust their end date, use SFASCPR to enter the withdrawal. For example, if a student withdraws from the earliest term or the latest term in a student centric period, you can use SFASCPR. In both cases, the period start and end may not need adjusting. However, if a student centric period has more than two terms within it and the student withdraws from one of the non-end terms, you would use SFASCPR to adjust the dates manually.

### Adjust institutional charges through the Student Centric Registration History (SFASCPR) page

Ellucian has added the Institutional Charges Detail section to SFASCPR so you will be able to view detailed information about the institutional charges assessed to the student's account for the enrollment period. You will also be able to make corrections to charges that should be designated as original during Title IV refund calculations.

### Search by student centric period on the Student Withdrawal Query (SFIWDRL) page

You will have the ability to search for records by student centric period on the Student Withdrawal Query (SFIWDRL) page.

### Student term break (SOATBRK) page

On SOATBRK, you will have the ability to enter a break period that is not contained within a term. If the term is in a student centric period, breaks will be compared to breaks in other terms in the student centric period for a potential overlap.

### Modified packages

Ellucian modified the following packages.

- sfkwdr1.sql
- sfkwdr1.sql

### Modified view

Ellucian modified this view: sfvscpr.sql.

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## Enhancements

### TCSI Reporting

All Higher Education providers that are approved under the Higher Education Support Act 2003 are required to provide data for the Higher Education Data Collection.

All VET Student Loan (VSL) providers that are approved under the VET Student Loans Act 2016 are required to report data for the VSL Data Collections. Providers need to use the need to use the Tertiary Collection of Student Information (TCSI) system to report this data to the Australian Government.

To support the provider's need, this release delivers enhancements for the Banner TCSI solution.

### Changed tables

The following tables are changed to support the TCSI Reporting enhancements.

Field	Description
SOTISTD	The <code>SOTISTD_TFN_RESULT</code> column with <code>VARCHAR2 (20)</code> as the data type is new to store information about whether a student's tax file number is verified for data imported from TCSI.
SOTBUEN	The primary key of the SOTBUEN table is changed where the <code>SOTBUEN_UNIT_CENSUS_DATE</code> field is new to the primary key of the table.
SOTBAOU	The following are the changes for the SORBAOU table. <ul style="list-style-type: none"> <li>The <code>SOTBAOU_UNIT_CENSUS_DATE</code> column with <code>DATE</code> as data type is new to store the unit census date for the unit of study Academic Organisational Unit record.</li> <li>The primary key of this table is changed where the <code>SOTBAOU_UNIT_CENSUS_DATE</code> field is new to the primary key of SOTBAOU.</li> <li>Logic is included to populate this field with the value from the <code>SOTBUEN_UNIT_CENSUS_DATE</code> field for the corresponding record in SOTBUEN for existing SOTBAOU records.</li> </ul>

## Updates

### Resolutions

A *Resolutions Report* contains comprehensive and detailed resolution information for a release.


Each change request has a listed URL. Copy and paste the URL into a web browser to see more details about the change request on the Ellucian Customer Center. For resolution information in this

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release, click **More**  icon and then **Attachment** to select a zip file associated with the release. The zip file includes the Banner Student Resolutions Report.

## Release 8.20.2 and 9.3.21

Banner Student 8.20.2 and 9.3.21 release provides new features, enhancements and defect corrections.

To download the supporting documentation for this release, click **More**  and then **Attachment** to select the zip file associated with the release. The zip file contains the following files:

- Banner\_Student\_Release\_Notes\_8.20.2\_9.3.21\_December\_2020.pdf
- Banner\_Student\_Object\_List\_8.20.2\_December\_2020.pdf
- Banner\_Student\_Upgrade\_Guide\_8.20.2\_December\_2020.pdf
- Banner\_Student\_Resolutions\_Report\_8.20.2\_December\_2020.txt
- Banner\_CAPP\_Handbook\_8.20.2\_December\_2020.pdf
- Banner\_Student\_Resolutions\_Report\_9.3.21\_December\_2020.txt
- Banner\_Student\_Page\_List\_9.3.21\_December\_2020.pdf
- Banner\_Student\_Reports\_8.20.2\_9.3.21\_December\_2020.pdf
- Banner\_Student\_Use\_8.20.2\_9.3.21\_December\_2020.pdf
- Banner\_Student\_903210007\_Installation\_Reference.txt
- Banner\_Student\_Admin\_Common\_Installation\_Reference\_9.3.22\_December\_2020.txt

## New Features

### Curriculum Mapping for DfE

The Department For Education (DfE), United Kingdom is the portal through which teacher training applicants can apply for a postgraduate teacher training course to teach in a state primary or secondary school, or in further education. Using the DfE Apply service, teacher training applicants can apply for teacher training and set out the qualities, interests, and ambitions that can be brought to the teaching profession.

Providers of teacher training courses will use DfE Apply to assess candidates' eligibility and suitability for their training courses. For accessing the candidates, information at the correct time and in the right format is needed to take well-informed decisions to accept suited candidates.

To facilitate the need, the Curriculum Mapping feature is introduced in this release with the following updates.

## *New pages*

Curriculum Mapping feature includes new pages.

### **Curriculum Mapping (SOACMAP) page**

The SOACMAP page allows you to map Banner curriculum rules to external admission codes. It is primarily used for Australian clients to map Banner curricula (base rule and major rule) to Tertiary Admissions Centre (TAC) course codes, and by UK clients to map Banner curricula (base rule and major rule) to Department for Education (DfE) course codes.

This curriculum mapping allows the clients to successfully populate correct curriculum rule numbers into electronic admissions tables when loading admissions application files from these external sources.

### **Student Ethos Admissions Staging Summary (SAIEAST) page**

The SAIEAST page allows you to view the incoming data coming through for admission applications and communicated to Banner over the Ethos APIs.

To know more about the fields in the page and the descriptions, refer to *Banner Student Reference* content.

## *Changed page*

The **Conditional Decisions** window is new to the SAADCRV page. To know more about the field names and page descriptions, refer to *Banner Student Reference* bundle.

## *New tables*

The following tables are new for the release to support the DfE enhancements.

<b>Table Name</b>	<b>Description</b>
Ethos Admissions Staging (SAREAAS) table	Stores Ethos admissions staging data.
Ethos References Staging (SAREARS) table	Stores Ethos references staging data.
Ethos Work Experience Staging (SAREAES) table	Stores Ethos work experience staging data.
Ethos Qualifications Staging (SAREAQS) table	Stores Ethos qualification staging data.
Decision Codes Control (SARCDN) table	Stores decision codes control data.
Offer Conditions (SARCDOC) table	Stores offer conditions data.

### *Moved tables*

The SKRPOFR, SKRCRIC, and SKRTRCO tables are moved from Banner ASCGEN to Banner Student baseline to support the enhancements for Australian and UK users.

### *New APIs*

Curriculum Mapping feature includes new APIs.

#### **DFE Application Submission**

The DFE Application Submission is a POST API used to submit DfE candidate application to Banner. The API endpoint is dfe-application-submission-process.

#### **DFE Admission Decision**

The DFE Admission Decision is a GET API used to get application decision from Banner on DFE candidate application. The API endpoint is dfe-admission-decisions.

### *New processes*

<b>Process Name</b>	<b>Description</b>
Curriculum Map Rules Roll (SOPCROL) process	To roll curriculum mapping rules from one academic year to another.
Data Migration from Staging Tables to EA Tables (SARSTML) process	Push data from the Ethos Staging Tables to the Electronic Admission Tables for admissions processing.

### *New packages*

DfE feature includes new packages.

<b>Package Name</b>	<b>Description</b>
SAKP180	Pushes DfE Application ID, Candidate ID, and Reference ID fields to the GORADID the table.
SAKL180	Pushes DfE Application ID, Candidate ID, and Reference ID fields to the GORADID the table.(Need to verify this)

## Changed packages

Few packages are changed to support the DfE feature.

Package Name	Description
SAKL050	The P_LOAD_SPRTELE procedure is changed to load phone number into either SPRTELE_PHONE_NUMBER or SPRTELE_INTL_ACCESS columns based on the parameter DFEPHONEHOLDER maintained in the SARERUL table for DfE.
SAKP070	The P_P070_CHECK procedure is changed to verify whether the phone number for DfE is less than 10 characters. If yes, then set edit indicator to N which sets complete indicator to N.  This check is performed only for DFE WAPP CODE which is done by checking the value of DFEWAPPCODE parameter maintained in the SARERUL table for DfE.
SAKPCOM	The F_CHK_LOAD function is modified to add the code to push DFE Application Id, Candidate Id and Reference Id into the GORADID table.
SAKVAPL	The P_LOAD_RECDS procedure is changed to add the code to push DfE Application ID, Candidate ID, and Reference ID into the GORADID table.

## Seed data

Seed data is delivered to support the Curriculum Mapping for DfE enhancements.

### EDI Rule Group Validation Code (STVEGRP) table

The STVEGRP table includes the following seed data.

Code	Value / Description
STVEGRP_CODE	DFEG.
STVEGRP_DESC	DFE rule group.

### Electronic Admissions Application Rules (SARERUL) table

The SARERUL table includes the following seed data.

Code Name	Function	Description	Value	EDI Indicator
DFEG.	DFEWAPPCODE	DFE Wapp Code	UPDATE ME	N
DFEG	DFEPHONEHOLDER	Phone Number Holder (INTL/PH)	UPDATE ME	N

**Report Element Validation (SKVRVAL) table**

The SKVRVAL table includes the following seed data.

Element Code	Element Description	Restrict Case?	Max Value Length
ADMISSIONS-CATEGORY	Admissions Category	N	10

**Report Element Values (SKRRVAL) table**

The SKRRVAL table includes the following seed data.

Element Code	Element Value	Element Value Description
ADMISSIONS-CATEGORY	DFE	Department For Education

**Cross-Reference Rules (SORXREF) table**

The SORXREF table includes the following seed data.

Code	Value	Standard Indicator	Web Indicator	Qualifier	Banner Value
STVAPDC	Conditions Met	Y	N	DFE	UPDATE ME
STVAPDC	Conditions Not Met	Y	N	DFE	UPDATE ME
STVAPDC	Make Offer	Y	N	DFE	UPDATE ME
STVAPDC	Reject	Y	N	DFE	UPDATE ME
STVAPDC	Course Change Offer	Y	N	DFE	UPDATE ME
STVAPDC	Change Attendance Type Offer	Y	N	DFE	UPDATE ME
STVAPDC	Change Location/ Campus Offer	Y	N	DFE	UPDATE ME
STVAPDC	Change Provider Offer	Y	N	DFE	UPDATE ME
STVAPDC	Withdraw Offer	Y	N	DFE	UPDATE ME

**Additional ID Type Validation (GTVADID) table**

The GRVADID table includes the following seed data.

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GTVADID_CODE	GTVADID_DESC	GTVADID_GUISRCH_BYPASS
DFER	DFE Reference ID	N
DFEC	DFE Candidate ID	N
DFA1	DFE Application ID for application 1	N
DFA2	DFE Application ID for application 2	N
DFA3	DFE Application ID for application 3	N
DFA4	DFE Application ID for application 4	N

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### Prerequisite checking

A new feature is added to Banner Student baseline that provides the ability to include program-specific equivalent courses in the prerequisite checking process.

In some institutions the same course can have different equivalencies depending upon the student's academic program. This new feature uses CAPP rules to define these equivalencies for each program.

For more information see *Program Based Registration* in *Banner Student* use documentation.

### *CAPP rules naming convention*

Program Based Registration requires that CAPP rules that include program-specific equivalents for prerequisites follow a consistent naming convention.

The naming convention is a concatenation of the subject code and course number of the prerequisite course.

You must define the length of the naming convention on the Proxy Access System and Options Type Rule (GTVO TYP) page to specify the respective lengths of the subject code and course number. See *Naming convention for the CAPP rules* in *Banner Student* use content for more information.

### *CAPP rules configuration*

You can configure the CAPP rules on the Area Requirements (SMAAREA) page with the subject code and course number naming convention.

See *Configure CAPP rules* in *Banner Student* use content for more information.

## Enhancements

### ARTS enhancements

Banner Automated Results Transfer System (ARTS) 8.3 release that includes the automation feature in ARTS.

The Banner ARTS automation feature provide institutions with easy and better user experience by capturing Capturing both structured and unstructured data seamlessly. The automation helps institutions to not only improve the process of ARTS with minimum manual intervention, but also to allow a provision to set sleep wake mode in the Scheduler feature through the SOPARTS process.

To know more about the ARTS automation feature, see *Banner ARTS Use* content.

To support the ARTS automation feature, new tables are delivered as a part of Banner Student 8.20.2 release.

#### *New tables*

Banner ARTS 8.3 release enhancements includes new tables to support the ARTS automation feature.

Table Name	Description
ARTS Request File Details (SGRRQFD) table	Stores the received student request file details
ARTS Request File Previous Name Details (SGRPRQD) table	Stores the received previous name details in the student request file.
ARTS Matching Records (SGTARTM) table	Temporarily, stores the matching student record details generated by the student matching algorithm.

### GRDS enhancements

GRDS Self-Service specific setup parameters are available of GUACONF for user configuration, which is a delivered as a part of Banner Student 8.20.2 release. The updates supports Banner GRDS Self-Service uplift enhancements.

#### **GUACONF**

The GUACONF table includes the following system parameters with "SSS" (Student Self-Service) as the application ID.

Configuration Name	Configuration Value	Configuration Value	Configuration Description	User Preference Indicator
ceremony.barcode.symbology	<UPDATEME>	string	Creates the bar code from the text entered.	Unchecked

Configuration Name	Configuration Value	Configuration Value	Configuration Description	User Preference Indicator
ceremony.eticketlogo.path	<UPDATEME>	string	The path that contains the Logo file (*.JPG or *.GIF) on the Application Server on which the ETicket PDF Application is hosted.	Unchecked
ceremony.server.uri	<UPDATEME>	string	Uniform Resource Identifier to identify the resource on which this application is hosted. It is used for the generation of PDF file.	Unchecked
ceremony.session.token.timeout	<UPDATEME>	string	Timeout in seconds after which the token authenticates the PDF Application Servlet expiry. Recommended value is 30. Setting this value too large makes the PDF application vulnerable to unauthorized usage.	Unchecked

## Registration Enhancements

Two new processes are introduced in Banner Student to assign registration pins (SFRAPIN) and time ticketing groups (SFRGRUP).

### *Assign Registration PIN (SFRAPIN)*

A new job process SFRAPIN is created to assign a registration pin for a specified term to a defined set of students.

Institutions can use the Alternative PIN processing functionality to force a student to contact an advisor, who will provide the PIN, before initially registering for the term.

For more information about the SFRAPIN process and its new parameters, see *Reports and Processes* on the Ellucian Documentation site.

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### SFRAPIN Job process

SFRAPIN allows you to do the following:

- Use multiple student parameters like Degree code, Student level code, Classification code, Minimum hours earned, Maximum hours earned and so on to filter, or by using population selection parameters such as Application, Selection ID, Creator ID and User ID to filter for the predefined population selection.
- Set a PIN start range and end range, which will be assigned to the defined set of students filtered using either Student parameters or Population selection parameters.
- Run the process in Audit or Update mode.

For more information on Assigning the registration pin process, and its parameters refer to *Assign Registration Pin Process (SFRAPIN)* in *Reports and Processes* on the Ellucian Documentation site.

### Assign Time Ticketing Group (SFRGRUP)

A new job process SFRGRUP is created to automate the building of registration group codes and assign those codes to students who are eligible to register for a specified term.

Registration Time-Ticketing allows institutions to optionally establish priority driven registration period time slots for registration through Banner Student Self-Service registration.

For more information about the SFRGRUP process and its parameters, refer to *Assign Time Ticketing Group Process (SFRGRUP)* in *Reports and Processes* on the Ellucian Documentation site.

### SFRGRUP Job process

The SFRGRUP job allows you to do the following:

- Use multiple student parameters like Degree code, Student level code, Classification code, Minimum hours earned, Maximum hours earned and so on to filter, or by using population selection parameters such as Application, Selection ID, Creator ID and User ID to filter for the predefined population selection.
- Run the process in Audit or Update mode.
- Creates student registration group records (SFBRGRP) for every general student in the database whose student status (SGBSTDN\_STST\_CODE) allows registration (STVSTST\_REG\_IND = Y). (These students represent the IDs that will be entered in the **Key Information** of SFARGRP).
- Creates registration group code records (SFBWCTL) and assigns the appropriate code to each of the students (SFBRGRP) based on the values entered in the job parameters.

For more information on Assigning the time ticketing group, refer to *Assign Time Ticketing Group Process (SFRGRUP)* in *Reports and Processes* on the Ellucian Documentation site.

## *Register students without the self-service PIN*

The institutions can now configure their system to allow faculty and advisor users to register students in classes without being prompted to enter the students' self-service PIN.

The institutions have the flexibility to set this level of access control separately for users with the following personas:

- FACULTYINSTRUCTOR
- FACULTYADVISOR
- FACULTYBOTH

For more information see *Configure PIN requirement for student registration* in *Banner Registration Self-Service* use content.

## **SUSI enhancements**

The SOPSUIM process is changed to support the Student Universal Support for Ireland (SUSI) enhancements.

The "Rate Change file" is new to the SOPSUIM process for importing purposes. When you import the Rate Change file, you can update the student records in the SORSUSA table with the revised grant codes and associated percentage for calculating SUSI grants. You can also update the student's contract in the TSAACCT page.

This satisfies CR# 000173910.

To know more about the processing of rate change file, refer to *SUSI Use* content.

## **TCSI enhancements**

All higher education providers ('providers') that are approved under the Higher Education Support Act 2003 are required to provide data for the Higher Education Data Collection. The Banner Student 8.20.2/9.3.21 release delivers the implementation of Higher Education Data Collection for the 2020 reporting year.

To support the 2020 reporting year enhancements, the following enhancements are delivered.

### *New tables*

The following tables are new for the release to support the TCSI enhancements.

<b>Table Name</b>	<b>Description</b>
HEIMS Bulk SA-HELP Data (SOTBSAH) table	Stores SA-HELP data for POST, PATCH and DELETE operations.
HEIMS Import Data (SOTIHLP) table	Stores OS-HELP and SA-HELP response data retrieved from a GET request.

Table Name	Description
HEIMS Bulk OS-HELP Data (SOTBOSH) table	Stores OS-HELP data elements for POST, PATCH and DELETE operations.
Notifications Details (SOTINOT) table	Stores the TCSI notifications data retrieved from GET requests.
HELP Balances (SOTIBAL) table	Stores the data for HELP balances retrieved from GET requests.

### Changed tables

The following tables are changed for this release to support the TCSI enhancements.

Table Name	What is changed?
SKRECAF	<p>The following columns are new to store data for the regulatory data elements:</p> <ul style="list-style-type: none"> <li>• SKRECAF_NATN_CODE_PRIM with VARCHAR2 (5)</li> <li>• SKRECAF_NATN_CODE_SECD with VARCHAR2 (5)</li> <li>• SKRECAF_DELETE_IND with VARCHAR2 (1)</li> </ul>
SKTECAF	<p>The following columns are new to store data for the regulatory data elements:</p> <ul style="list-style-type: none"> <li>• SKTECAF_NATN_CODE_PRIM with VARCHAR2 (5)</li> <li>• SKTECAF_NATN_CODE_SECD with VARCHAR2 (5)</li> </ul>
SOTBCMP	The primary key of this table is changed where the SOTBCMP_DLV_LOC_CDE field is new to the primary key of the SOTBCMP table. A new logic is included to populate the SOTBCMP_DLV_LOC_CDE field for existing records where it is currently NULL.
SOTBSTD	The SOTBSTD_E313_REPORTED_ID with (VARCHAR2 (9)) field is new to this table. This satisfies CR 000175473.
SORUSTD	The SORUSTD_EFTSL_OVERRIDE with NUMBER (13,9) field is new to this table to record an EFTSL override value of up to nine decimal places. This satisfies CR-000175784.
SKRCHSN	<p>The following fields are new to this table to be compliant with TCSI HELP Balances and Notifications APIs:</p> <ul style="list-style-type: none"> <li>• SKRCHSN_AVAILABLE_BALANCE with NUMBER (12,2)</li> <li>• SKRCHSN_PENDING_BALANCE with NUMBER (12,2)</li> <li>• SKRCHSN_LIFETIME_LIMIT with NUMBER (12,2)</li> <li>• SKRCHSN_HELP_BALANCES_UID with NUMBER (15)</li> </ul>

## Return to Title IV - Student Centric Periods

Included with this release are table modifications and changes to the Student Centric Period Term Control (SOASCPT) page to prepare for the upcoming release of the Return to Title IV - Student Centric Periods enhancement. The upcoming enhancement will allow you to use student centric periods when determining the period for which a student's Title IV return amount should be calculated.

### Student Centric Period Term Control (SOASCPT) page

Ellucian has made the following changes to SOASCPT:

- You can now enter any dates for the Student Centric Period Start Date and Student Centric Period End Date.
- The Financial Aid Process Year will default to the financial aid year associated with the controlling term on the Term Code Validation (STVTERM) page, but you can change this to another financial aid year.
- You now have the option to use the new Financial Aid Period field to associate a student centric period with a financial aid period. This field is optional and not required for Financial Aid processing.

### Student Centric Periods (SOBSCPS) table

In Student 8.20.2, Ellucian modified the SOBSCPS table to add four new columns.

Field	Description
SOBSCPS_START_DATE	Start date of student centric period.
SOBSCPS_END_DATE	End date of student centric period.
SOBSCPS_FA_PROC_YR	Financial aid processing start and end years. For example: The financial aid processing year 1988 - 1989 is formatted 8889.
SOBSCPS_FA_PERIOD	Financial aid enrollment or payment period code.

### SFRSCPW table

In Student 8.20.2, Ellucian added a new table, SFRSCPW.

Field	Description
SFRSCPW_PIDM	Internal Identification number of student in withdrawal record.
SFRSCPW_SCPS_CODE	Student Centric Period code.
SFRSCPW_SEQ_NO	Sequence number of withdrawal record.
SFRSCPW_WDRL_CODE	Withdrawal code.
SFRSCPW_EFF_WDRL_DATE	Effective withdrawal date.

Field	Description
SFRSCPW_ESTS_CODE	Enrollment status code.
SFRSCPW_ESTS_DATE	Enrollment status date.
SFRSCPW_TIV_IND	Indicator for Title IV withdrawal. Default value is N.
SFRSCPW_PROCESSED_IND	Indicator whether withdrawal is processed by Financial Aid. Default value is N.
SFRSCPW_ACTIVITY_DATE	Most recent date when the record was created or updated.
SFRSCPW_USER_ID	This field identifies the system user.
SFRSCPW_SURROGATE_ID	The unique key.
SFRSCPW_VERSION	Optimistic lock token.
SFRSCPW_ENRL_START_DATE	Student centric enrollment period start date.
SFRSCPW_ENRL_END_DATE	Student centric enrollment period end date.
SFRSCPW_ENRL_BREAK_DAYS	Break days during student centric enrollment period.
SFRSCPW_ENRL_DAYS	Net days in student centric enrollment period.
SFRSCPW_LEAVE_DAYS	Number of approved leave days in student centric period.
SFRSCPW_ATTEND_BREAK_DAYS	Break days during student centric attendance period.
SFRSCPW_ATTEND_DAYS	Net days attended in student centric period.
SFRSCPW_PERCENT_ATTEND	Percent of student centric enrollment period that student attended.
SFRSCPW_ORIGINAL_CHARGES	Total of original institutional charges.
SFRSCPW_OTHER_COSTS	Other institutional costs not in accounts receivable.
SFRSCPW_COMMENT	Comment associated with the withdrawal.
SFRSCPW_DATA_ORIGIN	Source system that created or updated the data.
SFRSCPW_VPDI_CODE	Multi-entity processing code.

### Packages/APIs modified

Ellucian modified the following packages and APIs for the SOBSCPS table changes.

- sokd\_sobscps0.sql
- sokd\_sobscps1.sql
- sokb\_centricperiod\_r0.sql
- sokb\_centricperiod\_r1.sql
- sokb\_centricperiod0.sql

- sokb\_centricperiod1.sql

## Updates

### Resolutions

A *Resolutions Report* contains comprehensive and detailed resolution information for a release.

Each change request has a listed URL. Copy and paste the URL into a web browser to see more details about the change request on the Ellucian Customer Center. For resolution information in this

release, click **More**  icon and then **Attachment** to select a zip file associated with the release. The zip file includes the Banner Student Resolutions Report.

## Release 8.20.1

Banner Student 8.20.1 release provides upgrade instructions and object list.

Supporting documentation for this release includes the following files:

- Banner\_Student\_Object\_List\_8.20.1\_September\_2020.pdf
- Banner\_Student\_Upgrade\_Guide\_8.20.1\_September\_2020.pdf

To download the supporting documents, click **More**  and then **Attachment** to select a zip file associated with the release.

## Release 8.20 and 9.3.20

Banner Student 8.20/9.3.20 release provides enhancements and defect corrections.

Supporting documentation for this release includes the following files:

- Banner\_Student\_Release\_Notes\_8.20\_9.3.20\_August\_2020.pdf
- Banner\_Student\_Object\_List\_8.20\_August\_2020.pdf
- Banner\_Student\_Upgrade\_Guide\_8.20\_August\_2020.pdf
- Banner\_Student\_Resolutions\_Report\_8.20\_August\_2020.txt
- Banner\_Student\_Installation\_Guide\_lang\_8.20\_September\_2020.pdf
- Banner\_Student\_ACT21\_Fields\_Updates\_Seed\_Data\_8.20\_August\_2020.xlsx
- Banner\_Student\_Resolutions\_Report\_9.3.20\_August\_2020.txt
- Banner\_Student\_Page\_List\_9.3.20\_August\_2020.pdf
- Banner\_Student\_Reports\_8.20\_9.3.20\_August\_2020.pdf
- Banner\_Student\_Use\_8.20\_9.3.20\_August\_2020.pdf

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- [Banner\\_Student\\_Admin\\_Common\\_Installation\\_Reference\\_9.3.22\\_August\\_2020.txt](#)

To download the supporting documents, click **More**  and then **Attachment** to select a zip file associated with the release.

## System Requirements

The release supports the baseline and localized versions of the application.

Please refer to the Banner Administrative Pages documentation and the Banner Student 9.3.20 Installation Reference for the minimum system requirements.

## Enhancements

### ACT 2020 regulatory updates to Banner

Banner Student 9.3.20 is enhanced to allow institutions to use the updated ACT 2020 file format.

The ACT 2020 test score file is updated from the `.TXT` to the `.CSV` format. The field length in the new format is not defined by Start and End positions. Instead, the CSV format allows the fields to have flexible length and be identified with sequence or column number. The positions of existing fields have been changed. This updated format revamped the student record data layout. Each field in the report includes double quote text qualifiers - "value".

As a part of this revamp, some fields that were previously available have been removed from the updated test score file.

The following field and section are added as new inclusions in the test score file:


- **Address2** is a new field included which is mapped to `STREET_LINE2` field in Banner.
- A new section **SuperScore** is added to the test score file. Superscoring allows students to send universities a super score which utilizes the highest individual section scores across multiple test attempts. These fields are mapped in Banner accordingly.
  - `Sup_Subj_Dt`
  - `Sup_Subj_Loc`
  - `Sup_Subj_Sc`
  - `Sup_OthSubj`
  - `Sup_Subj_Type`

For information on Super Score in ACT 2020, refer to *SuperScores for ACT 2020* in the Banner Student Use documentation.

The file name format includes the data source, organization name, and date/time stamp. For example: `ACT-SAMPLE-COLLEGE-09132020-204011.csv`.

To access information on the new ACT 2020 format, please refer to the documentation on the Encoura website.

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For details about seed data, field updates, change in field positions, tape and prel codes for respective fields in the ACT CSV file, refer to the *ACT\_BannerFields\_2020.xlsx* spreadsheet. You can download the spreadsheet by clicking **More**  and then **Attachment**.

For information on ACT 2020 implementation in Banner, refer to *ACT 2020 File Format* in the Banner Student Use documentation.

### *ACT technical updates*

Several technical updates are included for ACT.

#### **Updated pages**

The following pages are changed for this release to support the ACT enhancements.

- The SOTCNVT page is changed where the column size of **Test Score ACT20** field is increased to store the conversion information required for test scores ACT20.
- The **HEADER RECORD EXISTS INDICATOR** field is new to the STVPREL page, with the values, Y to denote "Input tape file contains a header record" and N to denote "Input tape file does not contain a header record".

Refer to *Banner Student Online Help* to learn more about the fields and field descriptions.

#### **Changed tables**

The following tables are changed for this release to support the ACT technical enhancements.

- The `SRTTEST_TEIN_CODE` column is new to the SRTTEST table that stores the Test Score Section Type value for the Superscores.
- The length of the `SOBCNVT_TNAME`, `SOBCNVT_TAPE_CODE` and `SOBCNVT_CONV_CODE` columns of the SOBCNVT table are increased to store conversion information required for test score ACT20.
- The `STVPREL_HDR_REC_EXISTS_IND` column is new to the STVPREL table to store the **Header Record Exists Indicator** field value.

#### **Updated seed data**

The following scripts are provided to support the ACT 2020 file layout and to upload the data:

- `stvtapei_082000.sql`
- `stvpreli_082000.sql`
- `stvtesci_082000.sql`
- `stvtpfdi_082000.sql`
- `srrtptsi_082000.sql`
- `srttpfdi_082000.sql`
- `sordlimi_082000.sql`

### Changed Pro C process

The `srtload.pc` process is changed to support the temporary load process.

### Changed DB process

The `srkprel.sql` DB process is changed to support the permanent load process.

### Changed scripts

The following scripts are updated.

- The `srttest_082000_01.sql` and `srttest_082000_02.sql` scripts are changed to support the updates implemented to the SRTTEST table.
- The `sobcnvt_082000_01.sql` script is changed to support the updates implemented to the SOBCNVT table.
- The `stvprel_082000_01.sql` and `stvprel_082000_02.sql` scripts are changed to support the updates implemented to the STVPREL table.

## IPEDS updates to Banner

Banner Student 9.3.20 is enhanced to include process modifications to the IPEDS Completions (SHRICIP) report and IPEDS Total Activity (SHRIACT) report.

**Note:** In this release, for the SHRICIP and SHRIACT processes, the user will be able to generate the CSV file and not the Web Upload file.

Processes are modified as described in the following sections.

### IPEDS Completions (SHRICIP) report

The SHRICIP report is split to provide count of certificates of less than one academic year in length into two categories as follows:

Former category	Current categories
Post-secondary award, certificate, or diploma of (less than one academic year):	Post-secondary award, certificate, or diploma of (less than one academic year):
<ul style="list-style-type: none"> <li>• less than 900 clock hours, or</li> <li>• less than 30 semester or trimester credit hours, or</li> <li>• less than 45 quarter credit hours</li> </ul>	<ul style="list-style-type: none"> <li>• less than 300 clock hours, or</li> <li>• less than 9 semester or trimester credit hours, or</li> <li>• less than 13 quarter credit hours</li> </ul>
	Post-secondary award, certificate, or diploma of (less than one academic year):
	<ul style="list-style-type: none"> <li>• 300-899 clock hours, or</li> <li>• 9-29 semester or trimester credit hours, or</li> <li>• 13-44 quarter credit hours</li> </ul>

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To know more about new parameters and procedure updates, refer to *IPEDS Completion Report (SHRICIP)* in the Banner Student Reports and Processes documentation.

### **Distance Education**

The Distance Education section for Completions has been expanded to include more options. SHRICIP is hardcoded to send a value of None (2 in the import wu file). To know more about the Distance Education options, please refer to the NCES IPEDS website.

### **IPEDS Total Activity (SHRIACT) report**

The SHRIACT report is modified to split the Undergraduate level into new categories for reporting of an Undergraduate student by Race/Ethnicity and Gender:

- 1 — Full-time, first-time degree/certificate-seeking undergraduate
- 2 — Full-time, transfer-in degree/certificate-seeking undergraduate
- 3 — Full-time, continuing degree/certificate-seeking undergraduate
- 7 — Full-time, non-degree/certificate-seeking undergraduate
- 15 — Part-time, first-time degree/certificate-seeking undergraduate
- 16 — Part-time, transfer-in degree/certificate-seeking undergraduate
- 17 — Part-time, continuing degree/certificate-seeking undergraduate
- 21 — Part-time, non-degree/certificate-seeking undergraduate

To know more about new parameters and procedure updates, refer to *IPEDS Total Activity Report (SHRIACT)* in the Banner Student Reports and Processes documentation.

### **Distance Education**

A distance education question is added to SHRIACT to report the number of undergraduate degree/certificate-seeking, undergraduate non-degree/certificate-seeking, and graduate students based on their enrollment in distance education courses.

**Note:** The web upload file will display data corresponding to a CIPC code only if one of the following indicators on STVCIPC is checked:

- Ind A
- Ind B
- Ind C

To know more about new parameters and procedure updates, refer to *IPEDS Total Activity Report (SHRIACT)* in the Banner Student Reports and Processes documentation.

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## *IPEDS technical updates*

Several technical updates have been made for IPEDS.

### **New Parameters**

SHRIACT report has the following new parameters:

- Full Time Undergraduate Hours
- Freshman Credit Hour Limit
- 1st Time Freshman Student Type
- Freshman Class Code
- Transfer Student Type
- Undergraduate Category
- Campus
- Schedule type
- Instructional method
- Create Detail File

SHRICIP report has the following new parameters:

- Program
- Major
- Create Detail File

To know more about these new parameters, refer to *IPEDS Total Activity Report (SHRIACT)* and *IPEDS Completion Report (SHRICIP)* in the Banner Student Reports and Processes documentation.

### **Changed tables**

SHRICIP table is changed to have two new columns:

- `SHRICIP_MAJOR` — used to store students major for processing postsecondary certificates of less than one academic year.
- `SHRICIP_PROGRAM` — used to store students primary program for processing postsecondary certificates of less than one academic year.

The scripts used for implementing these table changes are:

- `shricip_082000_01.sql`
- `shricip_082000_02.sql`

### **Updated seed data**

The following scripts are provided to add data for new parameters to SHRICIP and SHRIACT:

- `sgjbpdefi_082000.sql`

- `sgjbpdfsti_082000.sql`
- `sgjbpvali_082000.sql`

### Changed Pro C processes

- `shriact.pc`
- `shricip.pc`

## ASCGEN enhancements

The Banner Student 8.20 and 9.3.20 release updates includes Banner ASCGEN enhancements.

### *New page*

The Employer Class Maintenance (SGAEMCM) page is new for this release. With this page, you can enter or select a non-person ID to save as an Employer ID for each student registered in a CRN in a term.

### *Changed page*

The Cooperative Education (SGACOOPE) page is updated with new fields, new sections, and also few fields were rearranged to support the ASCGEN regulatory enhancements.

To know more about the page and field descriptions, refer to Banner Student Online Help 9.3.20 release version.

### *New table*

The Help Type Data (SORCHLP) table is new for this release to support the Australian eCAF eligibility enhancements. This table stores is included as a child to the SKRDRCO table to record HELP type eligibility for programs.

### *Changed table*

The SGRCOOP table is changed to have additional columns to support the ASCGEN enhancements.

Column Name	Data Type	Description
SGRCOOP_EMPLOYER_PIDM	NUMBER (8)	Stores Employer PIDM of the employer assigned for the student in SGAEMCM or SGACOOPE page.
SGRCOOP_ATYP_CODE	VARCHAR (2)	Stores address type details.

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## *Moved tables*

With this release, a list of Banner ASCGEN tables (Australian localization) are moved to Banner Student baseline.

The following are the tables moved to support the eCAF functionality that will be released in a future version of Banner Student Self-service.

- Course File Data (SKRDRCO) table
- Report System Parameters (SKBRSYS) table
- CHESSN and Entitlements Data (SKRCHSN) table
- Report Element Values (SKRRVAL) table
- Report Element Validation (SKVRVAL) table
- Request for Commonwealth Assistance (SKRECAF) table
- eCAF Temporary (SKTECAF) table

The following steps are taken as a part of moving the tables to Banner Student

- A primary key is added to the SKRDRCO table. The primary key columns of the SKRDRCO table are SKRDRCO\_PROGRAM and SKRDRCO\_TERM\_CODE\_EFF.
- The unique key index for the SKRDRCO table remains as SKRDRCO\_PROGRAM, SKRDRCO\_TERM\_CODE\_EFF, SKRDRCO\_COURSE\_CODE, and SKRDRCO\_CRS\_STUDY\_CODE.
- The Database Extension Utility (DBEU) columns (<table\_name>\_surrogate\_id and <table\_name>\_version) are made NOT NULL.
- The st\_<table\_name>\_surrogate\_id Surrogate ID trigger is new to insert or update the **Surrogate ID** field and the version number for all the moved tables.

## **HEA enhancements**

The Banner Student 8.20 and 9.3.20 release updates includes Higher Education Authority (HEA) enhancements. This release also includes defect corrections.

### *Changed pages*

Few pages are changed for this release to support the HEA enhancements.

#### **HEA Regulatory Programme and Course Details (SOAPRCD) page**

The SOAPRCD page has the following updates.

- The **Academic Year** field is new to the **Course Details** section.
- The **Mode of Study** field is removed from the **Course Details** section.

#### **HEA Student Course and Funding Details (SOASCFD) page**

The **Mode of Study** field is new to the **Student Details** block of the **Course Information** section.

### Changed tables

Tables are changed to support the HEA enhancements.

Table Name	What is changed?
SORSCFD	The SORSCFD_MSDY_CODE with (VARCHAR2 (1)) column is new to this table to support the addition of <b>Mode of Study</b> field in the SOASCFD page.
SORPRCD	The following are the changes: <ul style="list-style-type: none"> <li>The SORPRCD_ACYR_CODE with (VARCHAR2 (4)) column is new to this table to support the addition of <b>Academic Year</b> field in the SOAPRCD page.</li> <li>The SORPRCD_MSDY_CODE column comment is changed to MODE OF STUDY CODE: This field is no longer supported hence it is obsolete. to indicate the removal of <b>Mode of Study</b> field from the SOAPRCD page, that is made obsolete and is no longer available.</li> </ul>

### Changed scripts

Changed scripts are delivered to support the HEA enhancements.

Changed Script Name	Description
SGORSQPAD_082000.SQL	Deletes the parameters provided for the GORRSQL rules of the HEA process (SORHEAR) from the GORSQPA table.
SGORRSQLD_082000.SQL	Deletes the GORRSQL rules of the HEA process (SORHEAR) from the GORRSQL table.
SGTVSQRUD_082000.SQL	Deletes the rule codes provided for the HEA process (SORHEAR) from the GTVSQRU table.
SGTVSQPAD_082000.SQL	Deletes the parameters provided for the GORRSQL rules of the HEA process (SORHEAR) from the GTVSQPA table.

### Changed JAVA process

The SORHEAR JAVA process is changed to remove the Program Return, Course Return, Access Survey Return, and Survey Return queries from the GORRSQL table and are included in the SORHEAR JAVA process. With this change, the SORHEAR JAVA process will directly run the queries.

Various other enhancements and defect corrections are delivered for the SORHEAR Java process. To learn more about the resolutions delivered for this JAVA process, refer to Banner Student Resolutions Report 8.20 available as an attachment along with this release notes.

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## SUSI enhancements

The Banner Student 8.20 and 9.3.20 release includes Banner SUSI (Student Universal Support for Ireland) enhancements. This release also includes defect corrections.

### *Changed pages*

Few pages are changed for this release to support the SUSI enhancements.

#### **SUSI Rate code (STVSURT) Page**

The **Active** check box is new to the SUSI Award Code Validation section of this page.

#### **SUSI Award Rules (SORSURL) Page**

The following fields are new to Key block of this page:

- **Copy From Academic Year**
- **Copy From Graduate Type**
- **Copy**

### *Changed table*

The STVSURT table is changed where the STVSURT\_ACTIVE\_IND with (VARCHAR2 (1) ) column is new to identify whether the award rate code is active. Default value is Y.

### *Changed JAVA processes*

JAVA processes are changed for this release to support the SUSI enhancements.

#### **SOPSUIM**

The following are the changes for the SOPSUIM process.

- The SOPSUIM process is changed to check for **Active** and **Inactive** indicator of **Grant Award Code** field in the STVSURT page.
- This process is also changed to incorporate various feedback comments from UCD. This satisfies CR-000174388.

#### **SOPSUEX**

The SOPSUEX process is changed to incorporate various feedback comments from UCD. This satisfies CR-000174388.

To know more about the enhancements delivered for the JAVA processes, download the Banner Student Resolutions Report available as an attachment along with this release notes.

## Changed package

The SOKSUSI package body includes updates to support the SUSI enhancements.

The following are the changes included in the SOKSUSI package.

- Logic to pick up only active rate codes for calculation of the fee payable from the STVSURT page during the Import process.
- For post graduates, different graduate levels are configured in the GTVSDAX page. This configuration is used to check for the mismatch in graduate levels and for progression.
- Logic to update Student ID (column I) for Registration file import.
- Progression logic updates to ignore non-numeric attributes in the SGASADD page.
- Logic to check for Non-EU student (**Residency** Indicator), and block contract creation, if found to be Non-EU.
- Logic to show additional comments for the part time students, in the SOASUSI page, after the import process for all the Validation and Verification files.
- Logic to show additional comments for the Non-EU students, in the SOASUSI page, after the import process for all the Registration, Validation and Verification files.
- Contract creation changes are included to:
  - Update the formula for calculating the fee payable amount
  - Discard updating the amount in the SOASUSI page for blocked contracts
  - Discard considering free fees eligibility status for contract creation of postgraduate students
- Logic to flag students as 'Error for mismatch in graduate type and course type for Verification file

## Seed data

The SORXREFI\_082000.SQL script is delivered to include the translation codes in the SORXREF table. The following seed data is available in the SORXREF table.


Electronic Label Code	Electronic Label Value	Banner Value	EDI Standard Indicator	Description
SUREGPRG	Other	OT	N	Other
	Deceased	DC	N	Deceased

## Updates

### Resolutions

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