Information Technology Services

Test Plan

Academic Release 1.7

Contents

Test Plan for Academic Release 1.7

Preparation for Testing

The Academic Release 1.7 and Data Collections ETL 1.3 must be applied to your TEST database used to prepare for testing. Please follow the steps below to prepare for testing the release:

Step 1

Apply the Academic Release 1.7 to the Banner database using the parameters for Summer MT 20211.

Step 2

Setup and/or identify test cases for testing the extraction and editor.

Step 3

In Banner, run the Data Collection Extraction process (ZADMETL) from Banner Job Submission (GJAPCTL).

Step 4

Turn on the ITS version of GlobalProtect VPN. For download, install, and login instructions, email DW_Test@usg.edu.

Step 5

Run the USG Extract in the TEST environment using the following URL:

https://appst.ds.usg.edu/ords/f?p=38576

Step 6

Review the Data Submission Error report to validate changes included in the release in the Cognos TEST environment using the following URL:

https://analytics.tst.usg.edu/cognos/cgi-bin/cognos.cgi

Modified ETL Logic for Curricula Data

Purpose

The purpose of this change is as follows:

- To better align with Banner functionality in the determination of curriculum related elements.
- To extract data that functional users are able to view, validate, and certify on Banner pages.
- To allow functional users to report multiple degrees at the same degree level for a term.

Functionality delivered with this release:

The Campus ETL logic used to populate the ods_admstu_prog_enroll_mimic table has been modified to move extraction of curriculum data from the current tables, SGBSTDN and SHRDGMR, to SORLCUR and SORLFOS through the following views:

- SGVCCUR view of SORLCUR - used to return all current and active curriculum records for a learner for the learner's effective term.
- SHVCCUR view of SORLCUR - used to select the outcome curriculum specific to academic history curriculum information.
- SOVCFOS view of SORLFOS - used to return all current and active fields of study.

The Data Source for the following Data Elements was updated to pull from the views listed above:

- Degree Acronym – Enrolled (SPE001)
- Degree Level Code – Enrolled (SPE002)
- Major Code – Enrolled (SPE003)
- Institutional Major Code - Enrolled (SPE004)
- Field of Study Priority Indicator (SPE005)
- Field of Study Category (SPE006)
- Unique Sequence Number (SPE007)
- Institution Program Code (SPE008)
- Matriculation Year and Term (STE051)
- Student Level Indicator (STE079)
- Degree Acronym – (SPA001)
- Degree Level Code (SPA002)
- Major Code (SPA003)
- Institutional Major Code (SPA004)
- Field of Study Priority Indicator (SPA005)
- Field of Study Category (SPA006)
- Unique Sequence Number (SPA007)
- Degree Award Code (SPA009)
- Institution Program Code (SPA010)
- Matriculation term (SGR001)

The following Data Elements were updated to collect Minor(s) and Concentration(s) in addition to Major(s):

- Field of Study Category (SPE006)

- Field of Study Category (SPA006)

Two new Data Elements were added:

- Curriculum Priority Indicator (SPA011)

- Curriculum Priority Indicator – Enrolled (SPE010)

Test Scenario 1:

Run the ZADMETL process for parameter value A to generate output for ADC. Review the .lis file output for any errors. If ZADMETL completed successfully, run the ADC extraction. In Cognos, download the ods_admstu_prog_enroll_mimic table content from Submission Status > Submission Summary > Student > Program Enrolled (ods_admstu_prog_enroll_mimic table).

Verify the presence of column CUR_PRIORITY_NO for new Data Element Curriculum Priority Indicator – Enrolled (SPE010).

Test Scenario 2:

In the ods_admstu_prog_enroll_mimic table, verify the presence of major(s), minors(s) and concentration(s) in the FOS_CATEGORY column for Field of Study Category (SPE006).

Test Scenario 3:

Verify that the curricula data in the ods_admstu_prog_enroll_mimic table matches the data in your Banner test environment. Please be sure to review various scenarios that apply to your institution. This may include, but not be limited to, the following:

- Students who have more than one major at the same level
- Students with minors and/or concentrations
- Students who have both undergraduate and graduate majors
- Students who have a future term dated major (only the current, active major(s) should be extracted)
- Students who previously changed majors (only the current, active major is extracted)

Test Scenario 3:

In Cognos, download the ods_admgrad_program_mimic table content from Submission Status > Submission Summary > Graduation > Program Awarded (ods_admgrad_prog_mimic table).

Verify the presence of column CUR_PRIORITY_NO for new Data Element Curriculum Priority Indicator (SPA010).

Test Scenario 4:

In the ods_admgrad_prog_mimic table, verify the presence of major(s), minors(s) and concentration(s) in the FOS_CATEGORY column for Field of Study Category (SPA006).

Test Scenario 5:

Verify that the curricula data in the ods_admgrad_prog_mimic table matches the data in your Banner test environment. Please be sure to review various scenarios that apply to your institution.

Test Scenario 6:

In Cognos, generate a data element dictionary using the Data Dictionary > Download PDF option.

- Verify that the following new data elements exist in the Data Element Dictionary:
  - Curriculum Priority Indicator (SPA011)
  - Curriculum Priority Indicator – Enrolled (SPE010)

Test Scenario 7:

Verify that the Data Source (Table, Column, GUI Name and GUI Label) listed in the Data Element Dictionary for the following Data Elements is correct and can be tied back to data in your institution's Banner test environment:

- Degree Acronym – Enrolled (SPE001)
- Degree Level Code – Enrolled (SPE002)
- Major Code – Enrolled (SPE003)
- Institutional Major Code - Enrolled (SPE004)
- Field of Study Priority Indicator (SPE005)
- Field of Study Category (SPE006)
- Unique Sequence Number (SPE007)
- Institution Program Code (SPE008)
- Matriculation Year and Term (STE051)
- Student Level Indicator (STE079)
- Degree Acronym – (SPA001)
- Degree Level Code (SPA002)
- Major Code (SPA003)
- Institutional Major Code (SPA004)
- Field of Study Priority Indicator (SPA005)
- Field of Study Category (SPA006)
- Unique Sequence Number (SPA007)
- Degree Award Code (SPA009)
- Institution Program Code (SPA010)
- Matriculation term (SGR001)

Testing successful? (circle one) Yes/No

If testing was unsuccessful, please explain issues, in detail, here:

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Signature

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Title

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2020 Classification of Instructional Programs (CIP) Codes

Purpose

The purpose of this change is to implement the 2020 Classification of Instructional Programs (CIP) Codes. According to the NCES "The Classification of Instructional Programs (CIP) is a taxonomic coding scheme of instructional programs. Its purpose is to facilitate the organization, collection, and reporting of fields of study and program completions." (https://nces.ed.gov/ipeds/cipcode/Files/2020_CIP_Introduction.pdf). These codes were last updated in 2010.

Functionality delivered with this release:

The following Data Elements were updated:

- Course CIP Code (CRS004)
    - Updated the Data Element Dictionary Business Practices to include the link to the GeorgiaBEST Business Processes website.
    - Updated VCRS002 with the new CIP code for University of Georgia Veterinary Medicine.
- Degree Acronym (SPA001)
    - Updated the Data Element Dictionary Business Practices to correct the link to the Degree and Majors Authorized website.
    - Updated the Data Element Dictionary Data Source.
- Major Code (SPA003)
    - Updated the Data Element Dictionary Business Practices to reference the 2020 Classification of Instructional Programs.
    - Updated the Data Element Dictionary Data Source.
- Institutional Major Code (SPA004)
    - Updated the Data Element Dictionary Data Source.
- Degree Acronym – Enrolled (SPE001)
    - Updated the Data Element Dictionary Data Source
- Major Code Enrolled (SPE003)
    - Updated the Data Element Dictionary Business Practices to reference the 2020 Classification of Instructional Programs.
    - Updated the Data Element Dictionary Data Source.
- Institutional Major Code (SPE004)
    - Updated the Data Element Dictionary Data Source
- Student Type (STE080)
    - Updated VSTE251 with the new CIP code for University of Georgia Veterinary Medicine.

Test Scenario 1:

Run the ZADMETL process for parameter value A to generate output for ADC. Review the .lis file output for any errors. If ZADMETL completed successfully, run the ADC extraction. In Cognos, review the Data Submission Errors report to ensure that any errors received are valid.

The test Degrees and Majors Authorized website can be found at https://appst.ds.usg.edu/ords/f?p=118.

Testing successful? (circle one) Yes/No

If testing was unsuccessful, please explain issues, in detail, here:

Signature

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Duolingo English Test

Purpose

The purpose of this change is to collect test scores for the Duolingo English Test for summer and fall 2020 students who need to demonstrate English proficiency.

Functionality delivered with this release:

This release includes the following new Data Element and Validation Rule:

- Data Element STR184 - Duolingo English Test Score
- Validation Rule VSTR249 - Duolingo Test Score must be 10 – 160.

The following Data Element was updated to include Test Code DUOL for the Duolingo English Test:

- Test Code (STR001)

Test Scenario 1:

In Cognos, generate a data element dictionary using the Data Dictionary > Download PDF option. Verify that the new data element and validation rule exists.

- STR184 - Duolingo English Test Score
  - VSTR249 - Duolingo Test Score must be 10 – 160.

Verify that the existing Data Element Test Code (STR001) has been updated to include the following Test Code in the list of valid values:

- DUOL – Duolingo English Test

Test Scenario 2:

Identify a student in your Banner test environment with a Duolingo English Test Score. Run the ZADMETL process for parameter value A to generate output for ADC. Review the .lis file output for any errors. If ZADMETL completed successfully, run the ADC extraction. Review the data in Cognos.

Verify that validation error VSTR249 is not received for the Duolingo English Test Score in the Data Submission Errors report for Test Results (ods_admstu_test_results_mimic).

Test Scenario 3:

In Cognos, verify that the DUOL test code is listed in the Cognos Test Code Summary report under Student Data Submission Review > Test Code Summary.

Click on the "Detail Data" link for the DUOL Test Code and confirm the data in the Table Dump matches the data in your Banner test environment.

Testing successful? (circle one) Yes/No

If testing was unsuccessful, please explain issues, in detail, here:

Signature

Title

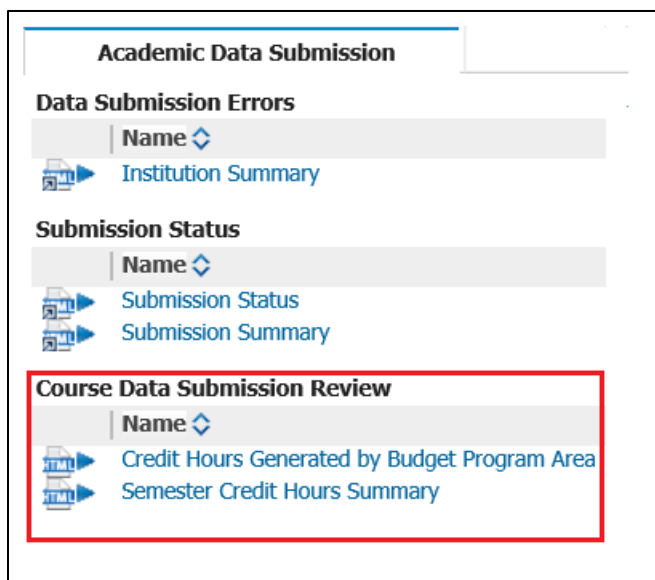# Course Data Submission Summary Report

Purpose

The Course Data Submission Summary Report will be decommissioned. The existing Credit Hours Generated by Budget Program Area contains much of the same data and more closely reflects course budget reports

Functionality delivered with this release:

The Course Data Submission Summary report has been removed.

Test Scenario 1:

In Cognos, verify that a link for the 'Course Data Submission Summary' report does not exist under Academic Data Submission > Course Data Submission Review.

Testing successful? (circle one) Yes/No

If testing was unsuccessful, please explain issues, in detail, here:

Signature

Title