Information Technology Services

University System of Georgia Information Technology Services

Data & Reporting Services

Test Plan

Academic Release 1.15

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Test Plan for Academic Release 1.15

Preparation for Testing

Academic Release 1.15 and Data Collections ETL (ZADMETL) 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 Academic Release 1.15 to the Banner database using the parameters for Summer MT 20241.

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://analyticst.ds.usg.edu/bi/

FAILURE Status for Empty Mimic Tables

Purpose

During beta testing for the ADC Fall EOT 20232 collection, an institution reported that the Data Collection Extraction (ZADMETL) extract log displayed an error on a population table step, but the related mimic table steps shows “SUCESSFUL” even though the mimic tables did not contain data. Research determined that the ETL logic in the steps following the population table failure ran successfully, but since the population table was empty, the mimic tables in the dependent steps were also empty.

Functionality delivered with this release:

Academic Release 1.15 includes an update to the ADC Campus ETL logic to display a status of “FAILURE” with error message “NO ROWS HAVE BEEN INSERTED INTO MIMIC TABLE” on the Data Collection Extraction (ZADMETL) process output file when a required mimic table is empty. The “FAILURE” status will also show on the OVERALL step and Return Status > Process Status will also display “FAILURE”.

Please see Appendix B for a sample the Data Collection Extraction (ZADMETL) process output file showing the failure message on the process status, overall step and the ADMGRAD mimic table steps.

Test Scenarios:

Test Scenario 1: Data Collection Extraction (ZADMETL)

In Banner, run the Data Collection Extraction (ZADMETL) process. Review the ZADMETL extract log (.lis file). Verify that the overall process status, population table steps and mimic table steps show “SUCCESS”. If a ‘FAILURE’ Status is shown for any step, please notify DW_TEST at DW_Test@usg.edu as soon as possible.

Testing successful? (circle one) Yes / No

Test Scenario 2: Mimic Table Row Counts

In the Mimic Table Counts section of the ZADMETL .lis file output, verify that the record count for all mimic tables except the following are greater than zero:

- ODS_ADMSTU_ADMISSIONS_MIMIC
- ODS_ADMSTU_MILITARY_MIMIC
- ODS_ADMSTU_SAP_MIMIC
- ODS_ADMGRAD_ADDRESS_MIMIC

These tables are excluded from the zero row count check since there may be situations where these tables are empty.

Testing successful? (circle one) Yes / No

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

Signature _____

Title _____

County of Origin at Matriculation

Purpose

In the Fall 2022 Facilities Inventory Data Collection (FIDC), an error in the ETL logic for determining County Code was corrected. The error was primary related to untranslated county code values that started with "GA" and potentially impacted records collected as '888' (Out of Country) and '999' (Out of State). A similar flaw was identified in the Academic Data Collection (ADC) ETL logic for determining County of Origin at Matriculation (SGR010 and STE020).

Functionality delivered with this release:

Academic Release 1.15 includes modified Campus ETL logic for the collection County of Origin at Matriculation as well as updates to the Business Processes sections for data elements County of Origin at Matriculation (STE020 and SGR010).

Test Scenarios:

Test Scenario 1: Data Element Dictionary (DED)

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

Verify the listed changes to the following data elements:

County of Origin at Matriculation (SGR010)

- The Business Practices section should display:
    - This element can change only when a student matriculates into a different level (e.g., from Undergraduate to Graduate student level, from Undergraduate to First Professional, or from Graduate to First Professional level; see Student Level element for definition of levels).

      The County of Origin is linked to State of Origin. If the State of Origin is Georgia, the County of Origin at Matriculation must be a valid Georgia county code (001 – 159). If the State of Origin is not Georgia, then the County of Origin at Matriculation must be 999 for Out-of-State or 888 for Out-of-Country.
- The Change History section should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Edited the element Business Practices section.

County of Origin at Matriculation (STE020)

- The Business Practices section should display:

- This element can change only when a student matriculates into a different level (e.g., from Undergraduate to Graduate student level, from Undergraduate to First Professional, or from Graduate to First Professional level; see Student Level element for definition of levels).

  The County of Origin is linked to State of Origin. If the State of Origin is Georgia, the County of Origin at Matriculation must be a valid Georgia county code (001 – 159). If the State of Origin is not Georgia, then the County of Origin at Matriculation must be 999 for Out-of-State or 888 for Out-of-Country.

- The Change History section should display:
  - Academic Term: 20241
  - Change Date: June 13, 2023
  - Change Notes: Edited the element Business Practices section

Testing successful? (circle one) Yes / No

Test Scenario 2: County of Origin at Matriculation (SGR010)

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. Verify that the ADC extraction runs successfully.

In Cognos, navigate to Submission Status > Submission Summary > Data Submission Record Counts – Submission Summary > Submission Term: 20241 – MT > Graduation > Confidential *(ods_admgrad_confidential_mimic)* > View / Download to view the Table Dump – Graduation Confidential report.

For a sample of students, verify that the COUNTY_ORIGIN_CODE matches the expected value from your institution's Banner pre-prod environment. Valid county code values can be found in Cognos under Reference Code Reports > All Reference Tables > County Reference Report.

Please be sure to check students with the following characteristics:

1. Students who are US citizens with STATE_ORIGIN_CODE = 'GA'
2. Students who are US citizens with STATE_ORIGIN_CODE other than 'GA'
3. Student who are not US citizens

Testing successful? (circle one) Yes / No

Test Scenario 3: County of Origin at Matriculation (STE020)

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. Verify that the ADC extraction runs successfully.

In Cognos, navigate to Submission Status > Submission Summary > Data Submission Record Counts – Submission Summary > Submission Term: 20241 – MT > Student > Confidential *(ods_admstu_confidential_mimic)* > View / Download to view the Table Dump – Student Confidential report.

For a sample of students, verify that the COUNTY_ORIGIN_CODE matches the expected value from your institution's Banner pre-prod environment. Valid county code values can be found in Cognos under Reference Code Reports > All Reference Tables > County Reference Report.

Please be sure to check students with the following characteristics:

1. Students who are US citizens with STATE_ORIGIN_CODE = 'GA'
2. Students who are US citizens with STATE_ORIGIN_CODE other than 'GA'
3. Student who are not US citizens

Testing successful? (circle one) Yes / No

Test Scenario 4: Validation Errors – Graduation/Confidential

In Cognos, navigate to Data Submission Errors > Institution Summary. Review errors under the Graduation/Confidential section.

If any of the following validation errors were received, please verify that the data listed in the validation rule Attribute Content in Cognos matches data in your test database, that the errors fired correctly and that you are able to resolve the errors:

- VSGR010: County of Origin at Matriculation must be a valid county code (001 - 159) if State of Origin is GA.
- VSGR011: County of Origin at Matriculation must be present for Georgia Residents.

Testing successful? (circle one) Yes / No

Test Scenario 5: Validation Errors – Student/Confidential

In Cognos, navigate to Data Submission Errors > Institution Summary. Review errors under the Student/Confidential section.

If any of the following validation errors were received, please verify that the data listed in the validation rule Attribute Content in Cognos matches data in your test database, that the errors fired correctly and that you are able to resolve the errors:

- VSTE096: County of Origin at Matriculation must be a valid county code (001 - 159) if State of Origin is GA.
- VSTE097: County Code at Matriculation must be present for Georgia Residents.

Testing successful? (circle one) Yes / No

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

Signature _____

Title _____

Duplicate Awarded and Enrolled Program Records

Purpose

Research and Policy Analysis has identified the existence of duplicate program records for awarded and enrolled students in PDC tables from prior collections. Each duplicate award program record differs by only the unique sequence number, curriculum priority number and/or field of study priority number. Duplicate enrolled program record differs by only the curriculum priority number and/or field of study priority number.

Functionality delivered with this release:

Academic Release 1.15 includes the creation of the following new validation rules to identify duplicate program records so that these records may be corrected prior to the close of a collection:

- **Institutional Major Code (SPA004)**
    - VSPA011: Duplicate graduation program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the graduation term.
- **Institutional Major Code Enrolled (SPE004)**
    - VSPE022: Duplicate enrolled program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Indicator) should not exist for a student in the current term.

This release also includes updates to the Business Practices section of data elements Institutional Major Code (SPA004) and Institutional Major Code Enrolled (SPE004) to define what records are considered to be duplicates.

Test Scenarios:

Test Scenario 1: Data Element Dictionary (DED)

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

Verify the listed changes to the following data elements:

Institutional Major Code (SPA004)

- The Business Practices section should display:
    - The Institutional Major Code is an institution specific code.

      A student's active and current graduation program record should not include duplicate combinations of Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code. (Duplicate award records differ by only the Unique Sequence Number, Field of Study Priority Number and/or Curriculum Priority Number.)

- The following validation should be added to the Validation Rules section:
    - VSPA011: Duplicate graduation program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the graduation term.
- The Change History should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Added Business Practice and new validation rule VSPA011.

Institutional Major Code (SPE004)

- The Business Practices section should display:
    - The Institutional Major Code is an institution specific code.

      A student's active and current enrollment program record should not include duplicate combinations of Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code. (Duplicate records differ by only the Field of Study Priority Number and/or Curriculum Priority Number.)
- The following validation should be added to the Validation Rules section:
    - VSPE022: Duplicate enrolled program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the current term.
- The Change History should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Added Business Practice and new validation rule VSPE022.

Testing successful? (circle one) Yes / No

Test Scenario 2: Duplicate Award Program

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. Verify that the ADC extraction runs successfully.

In Cognos, review validation errors under Category: Graduation > Record Type: Program Awarded *(ods_admgrad_program_mimic).* Verify that the following validation error is not listed:

- VSPA011: Duplicate graduation program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the graduation term.

If this error does exist, verify that the data elements listed in the validation error Attribute Content (Degree Acronym, Institutional Major Code, Field of Study Category, Institution Program Code and Student Level Code) matches data from Banner and that the records differ by Unique Sequence Number, Field of Study Priority Number and/or Curriculum Priority Number.

Testing successful? (circle one) Yes / No

Test Scenario 3: Duplicate Enrolled Program

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. Verify that the ADC extraction runs successfully.

In Cognos, review validation errors under Category: Student > Record Type: Confidential *(ods_admstu_confidential_mimic)*. Verify that the following validation error is not listed:

- VSPE022: Duplicate enrolled program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the current term.

Testing successful? (circle one) Yes / No

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

Signature

Title

Collection of College and Department Codes and Descriptions

Purpose

This change is from a request submitted by the Assistant Vice Chancellor of Academic Strategy & Analytics to collect College codes (and descriptions) and Department codes (and descriptions) for students and courses as a part of the Academic Data Collection. This request would provide additional data for Deans and Department Chairs as a part of institutional dashboards.

Functionality delivered with this release:

Academic Release 1.15 includes collection of College Code, College Description, Department Code and Department Description for awarded and enrolled program records. These data will be collected for records with field of study Major.

Test Scenarios:

Test Scenario 1: Data Element Dictionary (DED)

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

Verify the addition of the following data elements:

College Code (SPA012)

- The heading should display:
  - College Code (SPA012)
- The Category should display:
  - Academic / Graduation / Student Graduation Program / SPA012
- The Description should display:
  - This field identifies the college associated with the curriculum record for the award term.
- The Data Type should display
  - A/N
- The Length should display:
  - 2
- The Format should display:
  - X

- The Collection Period should display:
    - Following: mid-term and end of term
- The Data Source should display:
    - Provider: Banner
    - Table: SHVCCUR
    - Column: SHVCCUR_COLL_CODE
    - GUI Name: SHADEGR
    - GUI Label: SHADEGR > Curricula Tab > Curriculum > 'College'
    - SOAXREF Translation Code:
- The Effective Terms should display:
    - Start: 20241
    - End: (none)
- The Change History Section should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Created new data element College Code - SPA012

College Description (SPA013)

- The heading should display:
    - College Description (SPA013)
- The Category should display:
    - Academic / Graduation / Student Graduation Program / SPA013
- The Description should display:
    - The name of the college associated with the curriculum record for the award term.
- The Data Type should display
    - A
- The Length should display:
    - 100
- The Format should display:

- X

- The Collection Period should display:
  - Following: mid-term and end of term
- The Data Source should display:
  - Provider: Banner
  - Table: STVCOLL
  - Column: STVCOLL_DESC
  - GUI Name: STVCOLL
  - GUI Label: STVCOLL > 'Description'
  - SOAXREF Translation Code:
- The Change History Section should display:
  - Academic Term: 20241
  - Change Date: June 13, 2023
  - Change Notes: Created new data element College Description - SPA013

Department Code (SPA014)

- The heading should display:
  - Department Code (SPA014)
- The Category should display:
  - Academic / Graduation / Student Graduation Program / SPA014
- The Description should display:
  - This field identifies the department associated with the major field of study for the award term.
- The Data Type should display
  - A/N
- The Length should display:
  - 4
- The Format should display:
  - X

- The Collection Period should display:
    - Following: mid-term and end of term
- The Data Source should display:
    - Provider: Banner
    - Table: SOVCFOS
    - Column: SOVCFOS_DEPT_CODE
    - GUI Name: SHADEGR
    - GUI Label: SHADEGR > Curricula Tab > Field of Study > 'Department'
    - SOAXREF Translation Code:
- The Effective Terms should display:
    - Start: 20241
    - End: (none)
- The Change History Section should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Created new data element Department Code - SPA014

Department Description (SPA015)

- The heading should display:
    - Department Description (SPA015)
- The Category should display:
    - Academic / Graduation / Student Graduation Program / SPA015
- The Description should display:
    - The name of the department associated with the major field of study for the award term.
- The Data Type should display
    - A
- The Length should display:
    - 30
- The Format should display:

  - X
- The Collection Period should display:
  - Following: mid-term and end of term
- The Data Source should display:
  - Provider: Banner
  - Table: STVDEPT
  - Column: STVDEPT_DESC
  - GUI Name: STVDEPT
  - GUI Label: STVDEPT > 'Description'
  - SOAXREF Translation Code:
- The Change History Section should display:
  - Academic Term: 20241
  - Change Date: June 13, 2023
  - Change Notes: Created new data element Department Description - SPA015

College Code - Enrolled (SPE011)

- The heading should display:
  - College Code – Enrolled (SPE011)
- The Category should display:
  - Academic / Student / Student Program Enrolled / SPE011
- The Description should display:
  - This field identifies the college associated with the curriculum record for the current term.
- The Data Type should display
  - A/N
- The Length should display:
  - 2
- The Format should display:
  - X
- The Collection Period should display:

  - Current: mid-term and end of term
- The Data Source should display:
  - Provider: Banner
  - Table: SGVCCUR
  - Column: SGVCCUR_COLL_CODE
  - GUI Name: SGASTDN
  - GUI Label: SGASTDN > Curricula Tab > Curriculum > 'College'
  - SOAXREF Translation Code:
- The Effective Terms should display:
  - Start: 20241
  - End: (none)
- The Change History Section should display:
  - Academic Term: 20241
  - Change Date: June 13, 2023
  - Change Notes: Created new data element College Code – SPE011

College Description - Enrolled (SPE012)

- The heading should display:
  - College Description - Enrolled (SPE012)
- The Category should display:
  - Academic / Student / Student Program Enrolled / SPE012
- The Description should display:
  - The name of the college associated with the curriculum record for the current term.
- The Data Type should display
  - A
- The Length should display:
  - 100
- The Format should display:
  - X

- The Collection Period should display:
    - Current: mid-term and end of term
- The Data Source should display:
    - Provider: Banner
    - Table: STVCOLL
    - Column: STVCOLL_DESC
    - GUI Name: STVCOLL
    - GUI Label: STVCOLL > 'Description'
    - SOAXREF Translation Code:
- The Change History Section should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Created new data element College Description – SPE012

Department Code – Enrolled (SPE013)

- The heading should display:
    - Department Code - Enrolled (SPE013)
- The Category should display:
    - Academic / Student / Student Program Enrolled / SPE013
- The Description should display:
    - This field identifies the department associated with the major field of study for the current term.
- The Data Type should display
    - A/N
- The Length should display:
    - 4
- The Format should display:
    - X
- The Collection Period should display:

  - Current: mid-term and end of term
- The Data Source should display:
  - Provider: Banner
  - Table: SOVCFOS
  - Column: SOVCFOS_DEPT_CODE
  - GUI Name: SHADEGR
  - GUI Label: SHADEGR > Curricula Tab > Field of Study > 'Department'
  - SOAXREF Translation Code:
- The Effective Terms should display:
  - Start: 20241
  - End: (none)
- The Change History Section should display:
  - Academic Term: 20241
  - Change Date: June 13, 2023
  - Change Notes: Created new data element Department Code – SPE013

Department Description - Enrolled (SPE014)

- The heading should display:
  - Department Description – Enrolled (SPE014)
- The Category should display:
  - Academic / Student / Student Program Enrolled / SPE014
- The Description should display:
  - The name of the department associated with the major field of study for the current term.
- The Data Type should display
  - A
- The Length should display:
  - 30
- The Format should display:
  - X

- The Collection Period should display:
    - Current: mid-term and end of term
- The Data Source should display:
    - Provider: Banner
    - Table: STVDEPT
    - Column: STVDEPT_DESC
    - GUI Name: STVDEPT
    - GUI Label: STVDEPT > 'Description'
    - SOAXREF Translation Code:
- The Change History Section should display:
    - Academic Term: 20241
    - Change Date: June 13, 2023
    - Change Notes: Created new data element Department Description – SPE014

Testing successful? (circle one) Yes / No

Test Scenario 2a: College Code and College Description (Columns)

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. Verify that the ADC extraction runs successfully.

In Cognos, navigate to Submission Status > Submission Summary > Submission Term: 20241 - MT > Graduation > Program Awarded *(ods_admgrad_program_mimic)* > View / Download to view the Table Dump - Graduation Program Awarded report. Verify that the COLLEGE_CODE and COLLEGE_DESCR columns are populated only for records where the FOS_CATEGORY is 'MAJOR'.

Testing successful? (circle one) Yes / No

Test Scenario 2b: College Code and College Description (Data)

Using the Table Dump – Graduation Program Awarded report generated in Test Scenario 2a, verify that the COLLEGE_CODE and COLLEGE_DESCR values for a sample of students match data in your institution's TEST Banner database.

Testing successful? (circle one) Yes / No

Test Scenario 3a: Department Code and Department Description (Columns)

Using the Table Dump – Graduation Program Awarded report generated in Test Scenario 2a, verify that the DEPARTMENT_CODE and DEPARTMENT_DESCR columns are populated only for records where the FOS_CATEGORY is 'MAJOR'.

Testing successful? (circle one) Yes / No

Test Scenario 3b: Department Code and Department Description (Data)

Using the Table Dump – Graduation Program Awarded report generated in Test Scenario 2a, verify that the DEPARTMENT_CODE and DEPARTMENT_DESCR values for a sample of students match data in your institution's TEST Banner database.

Testing successful? (circle one) Yes / No

Test Scenario 4a: College Code and College Description – Enrolled (Columns)

In Cognos, navigate to Submission Status > Submission Summary > Submission Term: 20241 - MT > Student > Program Enrolled *(ods_admstu_prog_enroll_mimic)* > View / Download to view the Table Dump - Student Program Enrollment report. Verify that the COLLEGE_CODE and COLLEGE_DESCR columns are populated only for records where the FOS_CATEGORY is 'MAJOR'.

Testing successful? (circle one) Yes / No

Test Scenario 4b: College Code and College Description – Enrolled (Data)

Using the Table Dump – Student Program Enrollment report generated in Test Scenario 4a, verify that the COLLEGE_CODE and COLLEGE_DESCR values for a sample of students match data in your institution's TEST Banner database.

Testing successful? (circle one) Yes / No

Test Scenario 5a: Department Code and Department Description - Enrolled (Columns)

Using the Table Dump – Student Program Enrollment report generated in Test Scenario 4a, verify that the DEPARTMENT_CODE and DEPARTMENT_DESCR columns are populated only for records where the FOS_CATEGORY is 'MAJOR'.

Testing successful? (circle one) Yes / No

Test Scenario 5b: Department Code and Department Description - Enrolled (Data)

Using the Table Dump – Student Program Enrollment report generated in Test Scenario 4a, verify that the DEPARTMENT_CODE and DEPARTMENT_DESCR values for a sample of students match data in your institution's TEST Banner database.

Testing successful? (circle one) Yes / No

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

Signature _____

Title _____

Appendix A: Document Change History

This section details the history of the document and updates made for each modification.

Release and Date	Form/Process	Page	Update Description
May 1, 2023	N/A	N/A	Initial release of beta test plan.
June 6, 2023	N/A	N/A	Released as production test plan.

Appendix B: Sample ZADMETL .lis Output File With a Failure

ITS University
Data Collection Extraction

4/13/2023 14:49 ZADMETL Page: 1

** Return Status **

Data Mart	Process Status	
ADC	FAILURE	<---- Process Status

** Log Information **

Data Mart	Step Name		Status	Start Time	End Time	Error
ADC	OVERALL	Overall Status --->	FAILURE	4/13/2023 14:49	4/13/2023 14:49	
ADC	DELETE MIMICS		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	SORXREF CHECK		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	UPDATE POPULATION TABLES		FAILURE	4/13/2023 14:49	4/13/2023 14:49	ORA-01652: unable to extend TEMP tablespace
ADC	UPDATE POPULATION TABLES - DELETE		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	UPDATE POPULATION TABLES - CURRENT		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	POPULATION TABLE STEPS
ADC	UPDATE POPULATION TABLES - PREVIOUS		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	UPDATE POPULATION TABLES - AWARDED		FAILURE	4/13/2023 14:49	4/13/2023 14:49	ORA-01652: unable to extend TEMP tablespace
ADC	ODS_ADMCRS_CATALOG_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_CLS_SESSION_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_ENROLL_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_FACULTY_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	ADMCRS MIMIC TABLE STEPS
ADC	ODS_ADMCRS_GRADE_MIMIC-CURRTERM		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_GRADE_MIMIC-PREVTERM		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_SECTION_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMCRS_SECTION_ATTR_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ADMISSIONS_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ADV_STANDING_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ATTRIBUTES_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_CONFIDENTIAL_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ENR_ADDRESS_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ENR_CUM_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	ADMSTU MIMIC TABLE STEPS
ADC	ODS_ADMSTU_ENR_MATRIC_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_ENR_REQ_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_FEE_CLASS_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_PROG_ENROLL_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_REG_CPC_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_SAP_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_STE_ATTR_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_TEST_RESULTS_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADMSTU_TRANSFER_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_ADM_FOCUS_AREA_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	
ADC	ODS_COMMON_SORXREF_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	SOAXREF MIMIC TABLE STEP
ADC	ODS_ADMGRAD_ADDRESS_MIMIC		SUCCESS	4/13/2023 14:49	4/13/2023 14:49	ADMGRAD MIMIC TABLE STEPS
ADC	ODS_ADMGRAD_CONFIDENTIAL_MIMIC		FAILURE	4/13/2023 14:49	4/13/2023 14:49	NO ROWS HAVE BEEN INSERTED INTO MIMIC TABLE
ADC	ODS_ADMGRAD_PROGRAM_MIMIC		FAILURE	4/13/2023 14:49	4/13/2023 14:49	NO ROWS HAVE BEEN INSERTED INTO MIMIC TABLE
ADC	ODS_ADMGRAD_STUDENT_MIMIC		FAILURE	4/13/2023 14:49	4/13/2023 14:49	NO ROWS HAVE BEEN INSERTED INTO MIMIC TABLE

^ Mimic Table Step Status

This example shows a FAILURE in the creation of the awarded student population table which resulted in no data being inserted into the associated ADMGRAD mimic tables.

Note that the ODS_ADMGRAD_ADDRESS_MIMIC table does not show FAILURE because this mimic table is not required to contain data in all collections.

Record counts can be verified in the Mimic Table Counts section of the ZADMETL .lis file. As shown in the example below, the record counts for the failed steps shows that no records exist in the ADMGRAD mimic tables.

** Mimic Table Counts **

Data Mart	Table Name	Record Count		Table Name	Record Count
ADC	ODS_ADMSTU_ADMISSIONS_MIMIC	0		ODS_ADMCRS_CATALOG_MIMIC	229
ADC	ODS_ADMSTU_ADV_STANDING_MIMIC	114		ODS_ADMCRS_CLS_SESSION_MIMIC	376
ADC	ODS_ADMSTU_ATTRIBUTES_MIMIC	6233		ODS_ADMCRS_ENROLL_MIMIC	4737
ADC	ODS_ADMSTU_CONFIDENTIAL_MIMIC	1967		ODS_ADMCRS_FACULTY_MIMIC	292
ADC	ODS_ADMSTU_ENR_ADDRESS_MIMIC	5896		ODS_ADMCRS_GRADE_MIMIC	15146
ADC	ODS_ADMSTU_ENR_CUM_MIMIC	2869		ODS_ADMCRS_SECTION_MIMIC	371
ADC	ODS_ADMSTU_ENR_MATRIC_MIMIC	1967		ODS_ADMCRS_SECTION_ATTR_MIMIC	193
ADC	ODS_ADMSTU_ENR_REQ_MIMIC	961			
ADC	ODS_ADMSTU_FEE_CLASS_MIMIC	182		ODS_ADM_FOCUS_AREA_MIMIC	107
ADC	ODS_ADMSTU_PROG_ENROLL_MIMIC	2299			
ADC	ODS_ADMSTU_REG_CPC_MIMIC	959		ODS_ADMGRAD_ADDRESS_MIMIC	0
ADC	ODS_ADMSTU_SAP_MIMIC	1233		ODS_ADMGRAD_CONFIDENTIAL_MIMIC	0
ADC	ODS_ADMSTU_STE_ATTR_MIMIC	1967		ODS_ADMGRAD_PROGRAM_MIMIC	0
ADC	ODS_ADMSTU_TEST_RESULTS_MIMIC	11475		ODS_ADMGRAD_STUDENT_MIMIC	0
ADC	ODS_ADMSTU_TRANSFER_MIMIC	6984			

Appendix C: Duplicate Program Validations

Program Awarded:

The Business Processes section of Institutional Major Code (SPA004) has been updated with the following information:

A student's active and current graduation program record should not include duplicate combinations of Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code. (Duplicate award records differ by only the Unique Sequence Number, Field of Study Priority Number and/or Curriculum Priority Number.)

If a duplicate graduation program record exists, the following error will result:

Graduation Program Awarded (ODS_ADMGRAD_PROGRAM_MIMIC)
20241 - MT

VSPA011 - Duplicate graduation program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code) should not exist for a student in the graduation term.

ERROR_TRACKING_ID	Attribute List	Attribute Content	STU_INST_UID	STUDENT_INST_ID	CIP_CODE	DEGREE_LEVEL_CODE	DEGREE_ACRONYM
34296749	student_inst_id, degree_acronym, inst_major_code, fos_category, program_code, inst_student_academic_level, unique_seqno, cur_priority_no, fos_priority_no	913241024, BS, SOCI, MAJOR, BS-SOCI, US, 2, 2, 1	90292427	913241024	45110100	B	BS
34296748	student_inst_id, degree_acronym, inst_major_code, fos_category, program_code, inst_student_academic_level, unique_seqno, cur_priority_no, fos_priority_no	913241024, BS, SOCI, MAJOR, BS-SOCI, US, 3, 1, 1	90292427	913241024	45110100	B	BS

STUDENT_INST_ID 913241024: The graduation program record includes a record with duplicate degree acronym, institutional major code, field of study category, program code and institutional academic level. The record differs by unique sequence number and curriculum priority number.

Program Enrolled:

The Business Processes section of Institutional Major Code - Enrolled (SPE004) has been updated with the following information:

A student's active and current enrollment program record should not include duplicate combinations of Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Code. (Duplicate records differ by only the Field of Study Priority Number and/or Curriculum Priority Number.)

If a duplicate enrollment program record exists, the following error will result:

Student Program Enrolled (ODS_ADMSTU_PROG_ENROLL_MIMIC)

20241 - MT

VSPE022 - Duplicate enrolled program records (Degree Acronym + Institutional Major Code + Field of Study Category + Institution Program Code + Student Level Indicator) should not exist for a student in the current term.

ERROR_TRACKING_ID	Attribute List	Attribute Content	STU_INST_UID	STUDENT_INST_ID	CIP_CODE	DEGREE_LEVEL_CODE	DEGREE_ACRONYM	UNIQUE_SEQ_NO	INST_MAJOR_CODE	FOS_CATEGORY	FOS_PRIORITY_NO
34296741	student_inst_id, degree_acronym, inst_major_code, fos_category, program_code, inst_student_academic_level, unique_seq_no, cur_priority_no, fos_priority_no	913253592, MBA, MBAG, MAJOR, MBA-MBAG, GS, 99, 1, 1	90305008	913253592	52020101	M	MBA	99	MBAG	MAJOR	1
34296740	student_inst_id, degree_acronym, inst_major_code, fos_category, program_code, inst_student_academic_level, unique_seq_no, cur_priority_no, fos_priority_no	913253592, MBA, MBAG, MAJOR, MBA-MBAG, GS, 99, 21, 1	90305008	913253592	52020101	M	MBA	99	MBAG	MAJOR	1

STUDENT_INST_ID 913253592: The enrolled program record includes a record with duplicate degree acronym, institutional major code, field of study category, program code and institutional academic level. The record differs by the curriculum priority number.