Academic Release Review for Summer MT 20201

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Information Technology Services
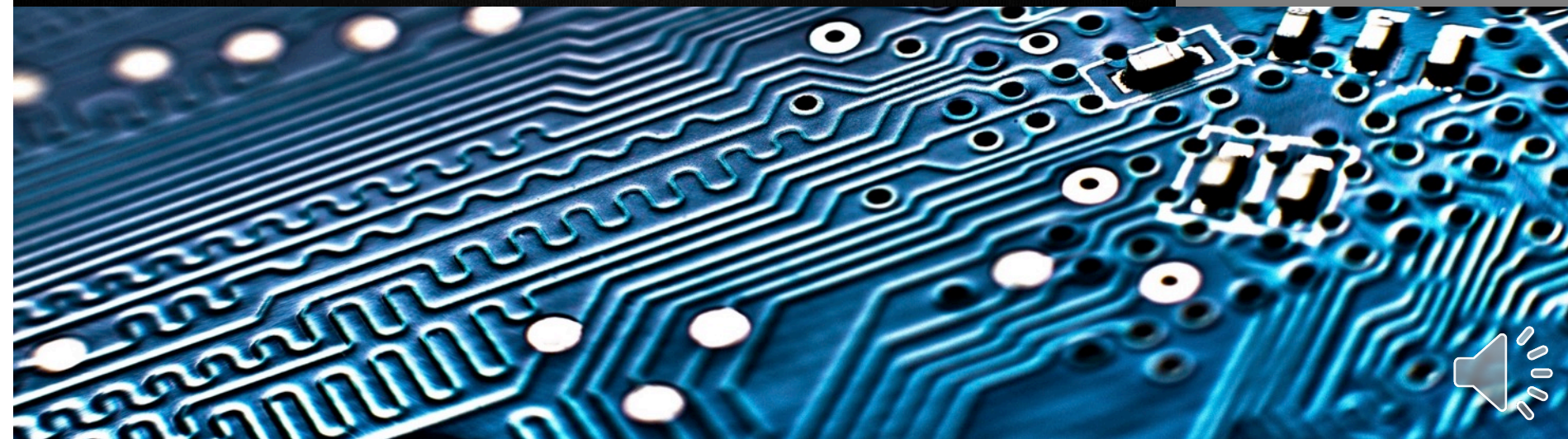
June 13, 2019

Summer Mid-Term Collection (20201)

- Collection Open – June 13, 2019
- Mid-Term ADM Census I Date – July 8, 2019
- Mid-Term ADM I Due Date – July 15, 2019

Items Included in Release

- Academic Release 1.4
  - Campus ETL
- Data Collections ETL 1.2
  - Data Collection Extraction process (ZADMETL)

Items Included in Release

- New
  - Academic Focus Areas
  - Learning Support
- Modifications
  - Data Collection Extraction process (ZADMETL)
  - Learning Support
  - Miscellaneous Enhancements

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Data Collection Extraction process (ZADMETL)

- Changed descriptive name
  - Data Collection Extraction process
- Updated Parameter 1 description
  - Data Collection to Extract?
- Corrected Parameter 1 hint text
  - Enter A (Academic), F (Facilities), or B (Both)

Data Collection Extraction process (ZADMETL)

- Updated ZADMETL to confirm correct version of Academic Release (CAMPUS_ODS_ADM_ETL_INSTALL) is installed
- Created new error table (ODS_ADM_INST_EXTRACT_ERRORS) for use by ZADMETL
  - Only used when Parameter 1 = A
  - Updated in future release for Parameter 1 = F or B
- Enhanced .lis file output to provide more useful content and error messaging
  - Removed run type and process version number from page header

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Data Collection Extraction process (ZADMETL)

- Divided .lis output into sections
  - Return Status
    - Overall success or failure of the process per data mart
  - Log Information
    - Success or failure status of each step performed per data mart
  - Error Information
    - Detailed error information per data mart, including which process step encountered the error
  - Control Report
    - Displays process parameter value and version number
  - Parameter Table
    - Displays the ETL execution parameters per data mart
  - Mimic Table Counts
    - Displays count of records loaded into each mimic table per data mart

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```
                                        Institution
                                        Data Collection Extraction
04/29/2019 14:44:18                                                                    ZADMETL Page:    1

** Return Status **

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

** Log Information **

Data
Mart      Step Name                         Status      Start Time          End Time            Error
--------  -------------------------------   ----------  ------------------  ------------------  ---------------------------
ADC       OVERALL                           FAILURE     04/29/2019 14:44:18 04/29/2019 15:05:28
ADC       DELETE MIMICS                     SUCCESS     04/29/2019 14:44:18 04/29/2019 14:44:25
ADC       SORXREF CHECK                     SUCCESS     04/29/2019 14:44:25 04/29/2019 14:44:25
ADC       UPDATE POPULATION TABLES          SUCCESS     04/29/2019 14:44:25 04/29/2019 14:45:50
ADC       ODS_ADMCRS_CATALOG_MIMIC          SUCCESS     04/29/2019 14:45:50 04/29/2019 14:45:51
ADC       ODS_ADMCRS_CLS_SESSION_MIMIC      SUCCESS     04/29/2019 14:45:51 04/29/2019 14:45:52
ADC       ODS_ADMCRS_ENROLL_MIMIC           SUCCESS     04/29/2019 14:45:52 04/29/2019 14:45:58
ADC       ODS_ADMCRS_FACULTY_MIMIC          SUCCESS     04/29/2019 14:45:58 04/29/2019 14:45:59
ADC       ODS_ADMCRS_GRADE_MIMIC-CURRTERM   SUCCESS     04/29/2019 14:45:59 04/29/2019 14:46:05
ADC       ODS_ADMCRS_GRADE_MIMIC-PREVTERM   SUCCESS     04/29/2019 14:46:05 04/29/2019 14:46:20
ADC       ODS_ADMCRS_SECTION_MIMIC          SUCCESS     04/29/2019 14:46:20 04/29/2019 14:46:23
ADC       ODS_ADMCRS_SECTION_ATTR_MIMIC     SUCCESS     04/29/2019 14:46:23 04/29/2019 14:46:23
ADC       ODS_ADMSTU_ADV_STANDING_MIMIC     SUCCESS     04/29/2019 14:46:23 04/29/2019 14:46:26
ADC       ODS_ADMSTU_ATTRIBUTES_MIMIC       SUCCESS     04/29/2019 14:46:26 04/29/2019 14:47:04
ADC       ODS_ADMSTU_CONFIDENTIAL_MIMIC     SUCCESS     04/29/2019 14:47:04 04/29/2019 14:47:26
ADC       ODS_ADMSTU_ENR_ADDRESS_MIMIC      SUCCESS     04/29/2019 14:47:26 04/29/2019 14:47:44
ADC       ODS_ADMSTU_ENR_CUM_MIMIC          SUCCESS     04/29/2019 14:47:44 04/29/2019 14:47:56
ADC       ODS_ADMSTU_ENR_MATRIC_MIMIC       SUCCESS     04/29/2019 14:47:56 04/29/2019 14:48:01
ADC       ODS_ADMSTU_ENR_REQ_MIMIC          SUCCESS     04/29/2019 14:48:01 04/29/2019 14:49:07
ADC       ODS_ADMSTU_FEE_CLASS_MIMIC        SUCCESS     04/29/2019 14:49:07 04/29/2019 14:49:11
ADC       ODS_ADMSTU_PROG_ENROLL_MIMIC      SUCCESS     04/29/2019 14:49:11 04/29/2019 14:49:16
ADC       ODS_ADMSTU_REG_CPC_MIMIC          SUCCESS     04/29/2019 14:49:16 04/29/2019 14:49:35
ADC       ODS_ADMSTU_STE_ATTR_MIMIC         SUCCESS     04/29/2019 14:49:35 04/29/2019 15:05:02
ADC       ODS_ADMSTU_TEST_RESULTS_MIMIC     FAILURE     04/29/2019 15:05:02 04/29/2019 15:05:04 ORA-01722: invalid number
ADC       ODS_ADMSTU_TRANSFER_MIMIC         SUCCESS     04/29/2019 15:05:04 04/29/2019 15:05:17
ADC       ODS_ADM_FOCUS_AREA_MIMIC          SUCCESS     04/29/2019 15:05:17 04/29/2019 15:05:17
ADC       ODS_ADMGRAD_ADDRESS_MIMIC         SUCCESS     04/29/2019 15:05:17 04/29/2019 15:05:24
ADC       ODS_ADMGRAD_CONFIDENTIAL_MIMIC    SUCCESS     04/29/2019 15:05:24 04/29/2019 15:05:25
ADC       ODS_ADMGRAD_PROGRAM_MIMIC         SUCCESS     04/29/2019 15:05:25 04/29/2019 15:05:26
ADC       ODS_ADMGRAD_STUDENT_MIMIC         SUCCESS     04/29/2019 15:05:26 04/29/2019 15:05:28
ADC       ODS_ADMSTU_ADMISSIONS_MIMIC       SUCCESS     04/29/2019 14:46:23 04/29/2019 14:46:23
ADC       ODS_COMMON_SORXREF_MIMIC          SUCCESS     04/29/2019 15:05:17 04/29/2019 15:05:17
```

Data Collection Extraction process (ZADMETL)

```
** Error Information **

Data
Mart      Step Name                       Description              Error ID
--------  ------------------------------  -----------------------  --------------------------
ADC       ODS_ADMSTU_TEST_RESULTS_MIMIC   INVALID NUMBER           900080030
```

```
Error Column                          Error Value                          Error Time
------------------------------------  -----------------------------------  -------------------
SORTEST_TESC_CODE                     --                                   04/29/2019 15:05:04
```

Data Collection Extraction process (ZADMETL)

```
                                          Institution
                                          Data Collection Extraction
04/29/2019 14:44:18                                                                    ZADMETL Page:    1

** Control Report **

Data Collection to Extract?: A
Version:                1.2


** Parameter Table **

                          MT          EOT         Prev    Prev   Annual     Prev
Data          Regents Banner Coll Census      Census      Regents Banner Collection Aid
Mart   Setid  Term    Term   Type Date        Date        Term    Term   Year       Year Last Updated
------ ------ ------- ------ ---- ----------- ----------- ------- ------ ---------- ---- -------------------
ADC    98200  20184   201802 MT   02/22/2018  05/11/2018  20182   201708 2017       1718 04/29/2019 13:29:46


** Mimic Table Counts **

Data
Mart   Table Name                      Record Count           Table Name                      Record Count
------ ------------------------------- ------------ ---------- ------------------------------- ------------
ADC    ODS_ADMSTU_ADMISSIONS_MIMIC                0            ODS_ADMCRS_CATALOG_MIMIC                 455
ADC    ODS_ADMSTU_ADV_STANDING_MIMIC           1324            ODS_ADMCRS_CLS_SESSION_MIMIC            2555
ADC    ODS_ADMSTU_ATTRIBUTES_MIMIC            40533            ODS_ADMCRS_ENROLL_MIMIC                44249
ADC    ODS_ADMSTU_CONFIDENTIAL_MIMIC          11775            ODS_ADMCRS_FACULTY_MIMIC                2025
ADC    ODS_ADMSTU_ENR_ADDRESS_MIMIC           35094            ODS_ADMCRS_GRADE_MIMIC                 90558
ADC    ODS_ADMSTU_ENR_CUM_MIMIC               12258            ODS_ADMCRS_SECTION_MIMIC                2348
ADC    ODS_ADMSTU_ENR_MATRIC_MIMIC            11775            ODS_ADMCRS_SECTION_ATTR_MIMIC            158
ADC    ODS_ADMSTU_ENR_REQ_MIMIC               11034            ODS_ADMGRAD_ADDRESS_MIMIC                997
ADC    ODS_ADMSTU_FEE_CLASS_MIMIC              1343            ODS_ADMGRAD_CONFIDENTIAL_MIMIC           434
ADC    ODS_ADMSTU_PROG_ENROLL_MIMIC           11804            ODS_ADMGRAD_PROGRAM_MIMIC                436
ADC    ODS_ADMSTU_REG_CPC_MIMIC               11031            ODS_ADMGRAD_STUDENT_MIMIC                434
ADC    ODS_ADMSTU_STE_ATTR_MIMIC              11775
ADC    ODS_ADMSTU_TEST_RESULTS_MIMIC              0
ADC    ODS_ADMSTU_TRANSFER_MIMIC              24179
ADC    ODS_ADM_FOCUS_AREA_MIMIC                  22
```

Data Collection Extraction process (ZADMETL)

- Created error and failure messages
  - Error - Please verify the most recent version of the Campus ETL has been installed.
  - FAILURE – Duplicate Records in SORXREF
  - FAILURE – Record count of ODS_ADM_EXEC_PARAMETERS must be 1.
  - FAILURE - ZADMETL Currently Running.
  - FAILURE - Please review the Extraction Log tables.

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Academic Focus Areas

- Collection of Academic Focus Areas beginning Summer MT 20201

- Georgia Enhancements 9.6 script to insert required values in Academic Focus Area Code Validation table (ZTVACFA)

- Map each academic major to an Academic Focus Area on the Academic Focus Area Rules page (ZOAACFA)

- Refer to documentation for Georgia Enhancements 9.6 for Momentum Year
  - https://www.usg.edu/georgia_best/application_development_and_support/banner/ga_enhancements

Academic Focus Areas

- Valid Values
  - AGNR   Agriculture & Natural Resource
  - APLT   Applied Technology
  - ARTS   Arts
  - AVIA   Aviation
  - BUEN   Built Environment
  - BUSI   Business
  - COMM Communications
  - CREA   Creative
  - CULT   Culture
  - DESI   Design
  - EDUC   Education
  - ENGR   Engineering

Academic Focus Areas

- EXPL   Exploratory
- HEPR   Health Professions
- HUMN   Humanities
- HUAR   Humanities and Arts
- ITCS   IT Computing
- LEAD   Leadership
- LBAR   Liberal Arts
- LIFE   Life
- NATU   Nature
- SCNC   Science
- SERV   Services
- SOSC   Social Science
- STEM   STEM

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Academic Focus Areas

- ## New data element
  - Academic Focus Areas (SPE009)
- ## New validation errors
  - VSPE019 – Academic Focus Area Code must be a valid BOR value.
  - VSPE020 – Academic Focus Area must not be null for student levels: 10, 20, 30, 40 and degree levels: A, B, V.
  - VSPE021 – A single major code may only be mapped to one BOR focus area.

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Academic Focus Areas

- New mimic table
  - ODS_ADM_FOCUS_AREA_MIMIC
- New reference report
  - Academic Focus Area Reference Code Report
- New persisted data report
  - pdc_adm_focus_area_mimic - Focus Areas

Learning Support

- Functionality delivered with Summer MT 20201
- Data elements and edits effective Fall MT 20202
  – Students matriculating Fall 2019 and forward

Learning Support

- ## New data elements
  - Learning Support Requirement Indicator - Math 2 (STE100)
  - Learning Support Program Current Enrollment Indicator - Math 2 (STE101)

- ## New validation errors
  - VSTE297 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Requirement Indicator - English must not be null.
  - VSTE298 - For students matriculating Fall 2019 and forward, if the Learning Support Program Current Enrollment Indicator - English is X, then the Learning Support Requirement Indicator - English must be X.

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Learning Support

- VSTE299 - For students matriculating Fall 2019 and forward, Learning Support Requirement Indicator - English must be a valid value.

- VSTE300 - For students matriculating Fall 2019 and forward, Learning Support Requirement Indicator - Math 1 must be a valid value.

- VSTE301 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Requirement Indicator – Math 1 must not be null.

- VSTE302 - For students matriculating Fall 2019 and forward, if the Learning Support Program Current Enrollment Indicator - Math 1 is X, then Learning Support Requirement Indicator - Math 1 must be X.

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Learning Support

- – VSTE303 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Requirement Indicator - Math 2 must not be null.
- – VSTE304 - For students matriculating Fall 2019 and forward, if Learning Support Program Current Enrollment Indicator – Math 2 is X, then the Learning Support Requirement Indicator – Math 2 must be X.
- – VSTE305 - For students matriculating Fall 2019 and forward, Learning Support Requirement Indicator – Math 2 must be a valid value.
- – VSTE306 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Program Current Enrollment Indicator - English must not be null.

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Learning Support

- VSTE307 - For students matriculating Fall 2019 and forward, if Learning Support Requirement- English is S or I then the Learning Support Program Current Enrollment - English must be Y, N, or C.

- VSTE308 - For students matriculating Fall 2019 and forward, if Learning Support Requirement Indicator - English is X, then Learning Support Program Current Enrollment Indicator- English must be X.

- VSTE309 - For students matriculating Fall 2019 and forward, Learning Support Program Current Enrollment Indicator - English must be a valid value.

- VSTE310 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Program Current Enrollment Indicator – Math 1 must not be null.

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- VSTE311 - For students matriculating Fall 2019 and forward, if Learning Support Requirement Indicator – Math 1 is S, or I, then Learning Support Program Current Enrollment Indicator – Math 1 must be Y, N, or C.

- VSTE312 - For students matriculating Fall 2019 and forward, if Learning Support Requirement Indicator – Math 1 is X, then Learning Support Program Current Enrollment Indicator – Math 1 must be X.

- VSTE313 - For students matriculating Fall 2019 and forward, Learning Support Program Current Enrollment Indicator – Math 1 must be a valid value.

- VSTE314 - For students matriculating Fall 2019 and forward, if student level is 10, 20, 30, 40, then Learning Support Program Current Enrollment Indicator – Math 2 must not be null.

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Learning Support

- VSTE315 - For students matriculating Fall 2019 and forward, if Learning Support Program Current Enrollment Indicator - Math 2 is V, then Learning Support Enrollment Indicator - Math 2 must by Y.

- VSTE316 - For students matriculating Fall 2019 and forward, if Learning Support requirement indicator—Math 2 is S or I, then Enrollment Indicator - Math 2 must be Y, N, or C.

- VSTE317 - For students matriculating Fall 2019 and forward, if Enrollment Indicator - Math 2 is X, then Requirement Indicator - Math 2 must be X.

- VSTE318 - For students matriculating Fall 2019 and forward, Learning Support Program Current Enrollment Indicator – Math 2 must be a valid value.

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Learning Support

- Updated data elements
  - Learning Support Requirement Indicator - English (STE048)
  - Learning Support Requirement Indicator - Mathematics (STE049)
  - Learning Support Program Current Enrollment Indicator - English (STE042)
  - Learning Support Program Current Enrollment Indicator Mathematics (STE043)
  - Learning Support Program Date of Completion – Mathematics (STE046)
  - Learning Support Program Date of Completion – English (STE045)

Learning Support

- Updated validation errors
  - VSTE150 - For students matriculating prior to Fall 2019, Learning Support Program Enrollment Indicator - English must be C, N, Y, D, X, or null.
  - VSTE151 - For students matriculating prior to Fall 2019, if the Learning Support Requirement Indicator - English is S or I, the Learning Support Program Current Enrollment Indicator - English cannot be null.
  - VSTE152 - For students matriculating prior to Fall 2019, if Learning Support Requirement Indicator - English is V, Learning Support Program Current Enrollment Indicator - English must be Y.
  - VSTE155 - For students matriculating prior to Fall 2019, the Learning Support Program Current Enrollment Indicator – Math must be C, N, Y, D, X, or null.

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- VSTE157 - For students matriculating prior to Fall 2019, if the Learning Support Requirement Indicator - Math 1 is V, the Learning Support Program Current Enrollment Indicator – Math 1 must be Y.

- VSTE167 - If Learning Support Program Current Enrollment Indicator – Math 1 or Math 2 is C, then Learning Support Program Date of Completion – Math cannot be null.

- VSTE172 - For students matriculating prior to Fall 2019, Learning Support Requirement Indicator - English must be S, I, V, X, or null.

- VSTE173 - For students matriculating prior to Fall 2019, if the Learning Support Program Current Enrollment Indicator - English is null, the Learning Support Requirement Indicator - English must be null.

- – VSTE175 - For students matriculating prior to Fall 2019, Learning Support Requirement Indicator - MATH must be S, I, V, X, or null.
- – VSTE176 - For students matriculating prior to Fall 2019, if the Learning Support Program Current Enrollment Indicator - MATH is null, the Learning Support Requirement Indicator - MATH must be null.

Learning Support

- Inactivated data elements
  - Learning Support Current Enrollment Indicator – Reading (STE044)
  - Learning Support Program Date of Completion – Reading (STE047)
  - Learning Support Requirement Indicator – Reading (STE050)
- Inactivated validation rules
  - VSTE159 - Learning Support Program Current Enrollment Indicator -Reading must be C, N, Y, D, X, or Null.
  - VSTE160 - If the Learning Support Requirement Indicator - Reading is S or I, the Learning Support Program Current Enrollment Indicator cannot be null.

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Learning Support

- VSTE161 - If the Learning Support Requirement Indicator - Reading is V, Learning Support Program Current Enrollment Indicator -Reading must be Y.

- VSTE169 - If Learning Support Program current Enrollment Indicator - Reading is C then LS Program Date of Completion-Reading cannot be null.

- VSTE178 - Learning Support Requirement Indicator - Reading must be S, I, V, X, or null.

- VSTE179 - If the Learning Support Program Current Enrollment Indicator -- Reading is null, the Learning Support Requirement Indicator - Reading must be null.

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Learning Support

- Updated mimic table
  - ODS_ADMSTU_ENR_REQ_MIMIC

- Updated reference reports
  - Student Data Submission - Learning Support Req
  - Student Data Submission - Enrollment in Learning Support

- Updated persisted data report
  - pdc_admstu_enr_req_mimic - Student CPC and LS Req

Miscellaneous Enhancements

- VSTR242 - High School Equivalency TASCM score must be 300 - 800 when it is not null. Excludes admit types TR, TL, TP, NT, TD, TN, AU, and PB.
  - Corrected processing logic and list of excluded admit types
  - Resolved the known issue posted on February 20, 2019. Changed the Severity from Known Issue to Error

- VSEC039 – A Course Section cannot have both ZNCM and ZLCM attributes.
  - Updated validation error to display CRN of section

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Summer Mid-Term Collection (20201)

- Collection Open – June 13, 2019
- Mid-Term ADM Census I Date – July 8, 2019
- Mid-Term ADM I Due Date – July 15, 2019

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Data Collections Site

https://www.usg.edu/georgia_best/application_development_and_support/data_collections

During Beta Testing

- DW_TEST@usg.edu

During the Collection

- Helpdesk@usg.edu