<table>
<thead>
<tr>
<th>Table Name</th>
<th>Table Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B_COURSE_SECTIONS</td>
<td>Course Section Base Table</td>
</tr>
<tr>
<td>B_MASTER_COURSES</td>
<td>Master Course Base Table</td>
</tr>
<tr>
<td>B_PEOPLE</td>
<td>People Base Table</td>
</tr>
<tr>
<td>B_PROGRAMS</td>
<td>Program Base Table</td>
</tr>
<tr>
<td>B_SIS_CODES</td>
<td>SIS Institution Specific Codes Base Table</td>
</tr>
<tr>
<td>B_SIS_TABLES</td>
<td>SIS Institution Specific Code Types Base Table</td>
</tr>
<tr>
<td>B_STUDENT_DEGREES</td>
<td>Student Degree Base Table</td>
</tr>
<tr>
<td>B_STUDENT_ENROLLMENT</td>
<td>Student Enrollment Base Table</td>
</tr>
<tr>
<td>B_STUDENT_PREV_EDUCATION</td>
<td>Student Previous Education Base Table</td>
</tr>
<tr>
<td>B_STUDENTS_BY_TERM</td>
<td>Student Base Table</td>
</tr>
<tr>
<td>C_LOAD_STATISTICS</td>
<td>Load Statistics Table</td>
</tr>
<tr>
<td>C_STANDARD_CODE_TYPES</td>
<td>Standard Code Type Table</td>
</tr>
<tr>
<td>C_STANDARD_CODES</td>
<td>Standard Code Table</td>
</tr>
</tbody>
</table>
### COURSE_SECTION_BASE_TABLE

**Table Contents:** This table contains SIS information about all sections of courses offered by institutions in the UCCSN.

**Original Source:** The SIS CLAS table is the basis for this table.

**Extract Rules:** Only CLAS records for the selected term with a valid CRSE record are extracted.

**Load Source:** ZH_COURSE_SECTIONS

**Load Process:** If a record already exists for this TERM/RPT DATE/INST/COURSE/SECTION and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_COURSE_SECTIONS.

**Procedure Name:** B_LOAD_CSECTIONS

### Column Contents: Generated Key - Use for joins.

**Data Source:** Oracle Sequence

**Source Fields:** N/A

**Load Rules:** Generated by Oracle Trigger - BCSC_KEY_TRG

### TERM_YEAR

**Column Contents:** The calendar year this course section was offered.

**Data Source:** SIS Extract

**Source Fields:** SELECT-TERM-YEAR

**Extract Rules:** Validated against the TERM table. If not valid, the extract process is terminated.

**Load Rules:** Copy from hold table

### TERM_CODE_STD

**Column Contents:** The standardized code that uniquely identifies the semester within the term year this course section was offered.

**Data Source:** SIS Extract

**Source Fields:** SELECT-TERM-CODE-STD

**Extract Rules:** Copy from source

**Load Rules:** Copy from hold table

### REPORTING_DATE_CODE

**Column Contents:** The code that uniquely identifies the point in time within the term that this data was collected.

**Data Source:** SIS Extract

**Source Fields:** SELECT-RPT-DATE-CODE

**Extract Rules:** Not validated in the extract process.

**Load Rules:** Copy from hold table

### INSTITUTION_CODE

**Column Contents:** The code that identifies the institution that offered this course section.

**Data Source:** SIS Extract

**Source Fields:** SELECT-INST-CODE

**Extract Rules:** Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.

**Load Rules:** Copy from hold table

### COURSE_PREFIX_CLAS

**Column Contents:** The institution assigned SIS prefix for this course. This field works in combination with COURSE-NUMBER, COURSE-SUFFIX and SECTION-CODE to uniquely identify this class.

**Data Source:** SIS Table

**Source Fields:** COURSE-PREFIX

**Extract Rules:** Copy from source

**Load Rules:** Copy from hold table
**Course Section Base Table**

**COURSE_NUMBER_CLAS**

- **Column Contents:** The institution assigned SIS number for this course. The field works in combination with COURSE-PREFIX, COURSE-SUFFIX and SECTION-CODE to uniquely identify this class.
- **Data Source:** SIS Table
- **Source Fields:** COURSE-NUMBER
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**COURSE_SUFFIX_CLAS**

- **Column Contents:** The institution assigned SIS code that further defines a course number within a subject. This field works in combination with COURSE-PREFIX, COURSE-NUMBER and SECTION-CODE to uniquely identify this class.
- **Data Source:** SIS Table
- **Source Fields:** COURSE-SUFFIX
- **Extract Rules:** If blank then move '-' else copy from source. The '-' makes the load into the warehouse easier. It will be removed.
- **Load Rules:** If '-' insert blank, else copy from hold table

**SECTION_CODE_CLAS**

- **Column Contents:** The institution assigned SIS code that identifies this section within the course. The field works in combination with COURSE-PREFIX, COURSE-NUMBER and COURSE-SUFFIX to uniquely identify this class.
- **Data Source:** SIS Table
- **Source Fields:** SECTION-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**TERM_CODE_SIS**

- **Column Contents:** The institution assigned SIS code that identifies the semester within the term year this course section was offered.
- **Data Source:** SIS Extract
- **Source Fields:** SELECT-TERM-CODE
- **Extract Rules:** Validated against the TMCO table. If not valid, the extract process is terminated.
- **Load Rules:** Copy from hold table

**CREDIT_UNITS_FLAG_CLAS**

- **Column Contents:** The SIS flag indicating the classification of units for this class. Valid values are "F" (fixed) and "V" (variable).
- **Data Source:** SIS Table
- **Source Fields:** CREDIT-UNITS-FLAG
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**NUM_UNITS_MIN_CLAS**

- **Column Contents:** The minimum number of credits for which this section can be taken.
- **Data Source:** SIS Table
- **Source Fields:** NUM-UNITS or NUM-UNITS-MIN
- **Extract Rules:** If FIXED-UNITS of CLAS-TABLE use NUM-UNITS, else use NUM-UNITS-MIN.
- **Load Rules:** Copy from hold table

**NUM_UNITS_MAX_CLAS**

- **Column Contents:** The maximum number of credits for which this section can be taken.
- **Data Source:** SIS Table
- **Source Fields:** NUM-UNITS or NUM-UNITS-MAX
- **Extract Rules:** If FIXED-UNITS of CLAS-TABLE use NUM-UNITS, else use NUM-UNITS-MAX.
- **Load Rules:** Copy from hold table
### Course Section Base Table

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MAXIMUM_CLASS_SIZE_CLAS</strong></td>
<td>The maximum number of students allowed to enroll in this section.</td>
<td>SIS Table</td>
<td>MAXIMUM-CLASS-SIZE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CLASS_BEGIN_DATE_CLAS</strong></td>
<td>The date instruction began for this course section.</td>
<td>SIS Table</td>
<td>CLASS-BEGIN-DATE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CLASS_END_DATE_CLAS</strong></td>
<td>The date instruction ended for this course section.</td>
<td>SIS Table</td>
<td>CLASS-END-DATE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>DIVISION_CODE_CLAS</strong></td>
<td>Highest level of institutional classification of who/where this course section is offered.</td>
<td>SIS Table</td>
<td>DIVISION-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CAMPUS_CODE_CLAS</strong></td>
<td>Second highest level of institutional classification of who/where this course section is offered.</td>
<td>SIS Table</td>
<td>CAMPUS-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>SCHOOL_CODE_CLAS</strong></td>
<td>Third highest level of institutional classification of who/where this course section is offered.</td>
<td>SIS Table</td>
<td>SCHOOL-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>DEPT_CODE_CLAS</strong></td>
<td>Lowest level of institutional classification of who/where this course section is offered.</td>
<td>SIS Table</td>
<td>DEPT-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>TIME_KEY</strong></td>
<td>Generated key - Use for joins to the time dimension.</td>
<td>Oracle Table</td>
<td>A_TIME_DIM</td>
<td>Lookup TIME_KEY using TERM_YEAR, TERM_CODE_STD, REPORTING_DATE_CODE</td>
<td></td>
</tr>
</tbody>
</table>
## Master Course Base Table

### Original Source
The SIS CRSE table is the basis for this table.

### Extract Rules
All records from CRSE are extracted.

### Load Source
ZA_MASTER_COURSES

### Load Process
If a record already exists for this INST/COURSE and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_MASTER_COURSES.

### Procedure Name
B_LOAD_CMASTER

### INSTITUTION_CODE
- **Column Contents:** The code that identifies the institution that offered this course.
- **Data Source:** SIS Extract **SELECT card**
- **Source Fields:** SELECT-INST-CODE
- **Extract Rules:** Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.
- **Load Rules:** Copy from hold table

### COURSE_PREFIX_CRSE
- **Column Contents:** The institution assigned SIS prefix for this course. This field works in combination with COURSE-NUMBER and COURSE-SUFFIX to uniquely identify this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** COURSE-PREFIX
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### COURSE_NUMBER_CRSE
- **Column Contents:** The institution assigned SIS number for this course. The field works in combination with COURSE-PREFIX and COURSE-SUFFIX to uniquely identify this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** COURSE-NUMBER
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### COURSE_SUFFIX_CRSE
- **Column Contents:** The institution assigned SIS code that further defines a course number within a subject. This field works in combination with COURSE-PREFIX and COURSE-NUMBER to uniquely identify this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** COURSE-SUFFIX
- **Extract Rules:** If blank then move '-' else copy from source. The '-' makes the load into the warehouse easier. It will be removed.
- **Load Rules:** If '-' insert blank, else copy from hold table

### LEVEL_CODE_CRSE
- **Column Contents:** The institution assigned SIS code that identifies the academic level of this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** LEVEL-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### YEAR_CODE_CRSE
- **Column Contents:** The institution assigned SIS code that identifies the academic year within the level.
- **Data Source:** SIS Table CRSE
- **Source Fields:** YEAR-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
### Master Course Base Table

#### ACTIVE_STATUS_CRSE
- **Column Contents:** The SIS flag indicating the course status. Valid values are A-Active, I-Inactive, and P-Pending.
- **Data Source:** SIS Table CRSE
- **Source Fields:** ACTIVE-STATUS
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### COURSE_NAME_CRSE
- **Column Contents:** The institution assigned short title for this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** COURSE-NAME
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### COURSE_LONGNAME_CRSE
- **Column Contents:** The institution assigned long title for this course.
- **Data Source:** SIS Table CRSE
- **Source Fields:** COURSE-LONGNAME
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### DIVISION_CODE_CRSE
- **Column Contents:** Highest level of institutional classification of who/where this course is offered.
- **Data Source:** SIS Table CRSE
- **Source Fields:** DIVISION-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### CAMPUS_CODE_CRSE
- **Column Contents:** Second highest level of institutional classification of who/where this course is offered.
- **Data Source:** SIS Table CRSE
- **Source Fields:** CAMPUS-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### SCHOOL_CODE_CRSE
- **Column Contents:** Third highest level of institutional classification of who/where this course is offered.
- **Data Source:** SIS Table CRSE
- **Source Fields:** SCHOOL-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### DEPT_CODE_CRSE
- **Column Contents:** Lowest level of institutional classification of who/where this course is offered.
- **Data Source:** SIS Table CRSE
- **Source Fields:** DEPT-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

#### CIP_CODE_CRSE
- **Column Contents:** The institution assigned SIS code that identifies the Classification of Instructional Programs code into which this course best fits. This field is not consistently used by all institutions.
- **Data Source:** SIS Table CRSE
- **Source Fields:** CIP-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
### CIP_RPTG_CODE_CRSE
- **Column Contents:** The institution assigned SIS code used by some institutions to designate occupational/vocational courses. This field is not consistently used by all institutions.
- **Data Source:** SIS Table
- **Source Fields:** CIP-RPTG-CODE
- **Extract Rules:** Copy from source.
- **Load Rules:** Copy from hold table

### SUBJECT_CODE_CRSE
- **Column Contents:** The institution assigned SIS code that classifies the general subject matter of this course. This field is not consistently used by all institutions.
- **Data Source:** SIS Table
- **Source Fields:** SUBJECT-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
**People Base Table**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERSON_KEY</td>
<td>Oracle Sequence PID_SEQ</td>
<td>N/A</td>
<td>Generated by Oracle Trigger - BPPL_KEY_TRG</td>
<td></td>
</tr>
<tr>
<td>SSN</td>
<td>SIS Table NAME</td>
<td>SSN</td>
<td>If SSN is blank issue error and do not write extract else copy from source.</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>LAST_NAME_NAME</td>
<td>SIS Table NAME</td>
<td>LAST-NAME</td>
<td>If LAST-NAME is blank issue error and do not write extract else copy from source.</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>FIRST_NAME_NAME</td>
<td>SIS Table NAME</td>
<td>FIRST-NAME</td>
<td>If FIRST-NAME is blank issue error and do not write extract else copy from source.</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>MIDDLE_NAME_NAME</td>
<td>SIS Table NAME</td>
<td>MIDDLE-NAME</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>CCSN_PERSON_ID_SIS</td>
<td>Oracle Table B_STUDENTS_BY_TERM</td>
<td>PERSON_ID_SIS</td>
<td>Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
</tr>
<tr>
<td>GBC_PERSON_ID_SIS</td>
<td>Oracle Table B_STUDENTS_BY_TERM</td>
<td>PERSON_ID_SIS</td>
<td>Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
</tr>
<tr>
<td>Table</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B_PEOPLE</td>
<td>People Base Table</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMCC_PERSON_ID_SIS</td>
<td>Column Contents: If this person is in the warehouse for TMCC, the SIS person id.  Data Source: Oracle Table B_STUDENTS_BY_TERM  Source Fields: PERSON_ID_SIS  Extract Rules: N/A  Load Rules: Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WNCC_PERSON_ID_SIS</td>
<td>Column Contents: If this person is in the warehouse for WNCC, the SIS person id.  Data Source: Oracle Table B_STUDENTS_BY_TERM  Source Fields: PERSON_ID_SIS  Extract Rules: N/A  Load Rules: Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNLV_PERSON_ID_SIS</td>
<td>Column Contents: If this person is in the warehouse for UNLV, the SIS person id.  Data Source: Oracle Table B_STUDENTS_BY_TERM  Source Fields: PERSON_ID_SIS  Extract Rules: N/A  Load Rules: Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNR_PERSON_ID_SIS</td>
<td>Column Contents: If this person is in the warehouse for UNR, the SIS person id.  Data Source: Oracle Table B_STUDENTS_BY_TERM  Source Fields: PERSON_ID_SIS  Extract Rules: N/A  Load Rules: Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSC_PERSON_ID_SIS</td>
<td>Column Contents: If this person is in the warehouse for NSC, the SIS person id.  Data Source: Oracle Table B_STUDENTS_BY_TERM  Source Fields: PERSON_ID_SIS  Extract Rules: N/A  Load Rules: Update with the PERSON_ID_SIS where PERSON_KEYs are equal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAST_UPDATE</td>
<td>Column Contents: Oracle time stamp that identifies that last time this record was changed.  Data Source: Oracle N/A  Source Fields: SYSDATE  Extract Rules: N/A  Load Rules: When the record is inserted or updated, populate the field with the Oracle system date and time.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INSTITUTION_COUNT</td>
<td>Column Contents: The number of institutions for which this person has records  Data Source: Calculated B_PEOPLE  Source Fields: *_PERSON_ID_SIS  Extract Rules:  Load Rules: Count the number *_PERSON_ID_SIS fields that are not null.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Program Base Table

Table Contents: This table contains SIS information about the institution program codes contained in the warehouse.

Original Source: The SIS PGRM and PGCT tables are the basis for this table.

Extract Rules: All PGRM records are extracted. Information from PGCT is exported if it exists.

Load Source: ZH_PROGRAMS

Load Process: If a record already exists for this INST/PROGRAM and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_PROGRAMS.

Procedure Name: B_LOAD_PROGRAMS

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAM_KEY</td>
<td>Generated Key - Use for joins.</td>
<td>Oracle Sequence</td>
<td>N/A</td>
<td>Generated by Oracle Trigger - BPGM_KEY_TRG</td>
</tr>
<tr>
<td>INSTITUTION_CODE</td>
<td>The code that identifies the institution that offered this program.</td>
<td>SIS Extract</td>
<td>SELECT-INST-CODE</td>
<td>Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.</td>
</tr>
<tr>
<td>PROGRAM_CODE_PGRM</td>
<td>The institution assigned SIS code that identifies the program of study.</td>
<td>SIS Table</td>
<td>PROGRAM-CODE</td>
<td>Copy from source</td>
</tr>
<tr>
<td>PROGRAM_NAME_PGRM</td>
<td>The institution assigned short name for the program.</td>
<td>SIS Table</td>
<td>PROGRAM-LONGNAME</td>
<td>Copy from source</td>
</tr>
<tr>
<td>PROGRAM_LONGNAME_PGRM</td>
<td>The institution assigned long name for the program.</td>
<td>SIS Table</td>
<td>PROGRAM-LONGNAME</td>
<td>Copy from source</td>
</tr>
<tr>
<td>IPEDS_PGRM_TYPE_FLAG_PGRM</td>
<td>The SIS flag used exclusively for IPEDS reporting to categorize students according to IPEDS program type codes. The default value is &quot;0&quot;. Valid values are: 1-Remedial program, 2-Vocational program, 3-Occupational program, 4-Terminal program, 5-Non-credit</td>
<td>SIS Table</td>
<td>IPEDS-PGRM-TYPE-FLAG</td>
<td>Copy from source</td>
</tr>
<tr>
<td>BILLING_PROGRAM_FLAG_PGRM</td>
<td>The (Y/N) flag indicating whether this is the program to be used for billing purposes.</td>
<td>SIS Table</td>
<td>BILLING-PROGRAM-FLAG</td>
<td>Copy from source</td>
</tr>
</tbody>
</table>
## Program Base Table

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIVISION_CODE_PGRM</strong></td>
<td>Highest level of institutional classification of who/where this program is offered.</td>
<td>SIS Table</td>
<td>DIVISION-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CAMPUS_CODE_PGRM</strong></td>
<td>Second highest level of institutional classification of who/where this program is offered.</td>
<td>SIS Table</td>
<td>CAMPUS-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>SCHOOL_CODE_PGRM</strong></td>
<td>Third highest level of institutional classification of who/where this program is offered.</td>
<td>SIS Table</td>
<td>SCHOOL-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>DEPT_CODE_PGRM</strong></td>
<td>Lowest level of institutional classification of who/where this program is offered.</td>
<td>SIS Table</td>
<td>DEPT-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>LEVEL_CODE_PGRM</strong></td>
<td>The institution assigned SIS code that identifies the academic level of this program.</td>
<td>SIS Table</td>
<td>LEVEL-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CIP_CODE_PGRM</strong></td>
<td>The institution assigned SIS code that identifies the Classification of Instructional Programs code into which this program best fits.</td>
<td>SIS Table</td>
<td>CIP-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>CIP_RPTG_CODE_PGRM</strong></td>
<td>The institution assigned SIS code used by some institutions to designate occupational/vocational programs.</td>
<td>SIS Table</td>
<td>CIP-RPTG-CODE</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>INTERDISCIPLINARY_FLAG_PGRM</strong></td>
<td>The (Y/N) flag indicating whether this is an interdisciplinary program. This field is not consistently used by all institutions.</td>
<td>SIS Table</td>
<td>INTERDISCIPLINARY-FLAG</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>
**Program Base Table**

<table>
<thead>
<tr>
<th>Table Name</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
<th>Column Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADUATION_FLAG_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>The (Y/N) flag indicating whether this program leads to graduation.</td>
</tr>
<tr>
<td>ACTIVE_STATUS_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>The SIS flag indicating the program status. Valid values are A-Active, I-Inactive, and P-Pending.</td>
</tr>
<tr>
<td>STATUS_DATE_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>The date the status of the program changed.</td>
</tr>
<tr>
<td>PROGRAM_REPORTING_CODE1_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>An institution defined SIS reporting code for this program. This was gathered in case some institutions use these codes to classify programs.</td>
</tr>
<tr>
<td>PROGRAM_REPORTING_CODE2_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>An institution defined SIS reporting code for this program. This was gathered in case some institutions use these codes to classify programs.</td>
</tr>
<tr>
<td>PROGRAM_REPORTING_CODE3_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>An institution defined SIS reporting code for this program. This was gathered in case some institutions use these codes to classify programs.</td>
</tr>
<tr>
<td>PROGRAM_REPORTING_CODE4_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>An institution defined SIS reporting code for this program. This was gathered in case some institutions use these codes to classify programs.</td>
</tr>
<tr>
<td>PROGRAM_REPORTING_CODE5_PGRM</td>
<td>SIS Table</td>
<td>PGRM</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
<td>An institution defined SIS reporting code for this program. This was gathered in case some institutions use these codes to classify programs.</td>
</tr>
</tbody>
</table>
# Program Base Table

**DEGREE_CODE_PGCT**

- **Column Contents:** The institution assigned SIS code that identifies the degree to which this program leads.
- **Data Source:** SIS Table
- **Source Fields:** DEGREE-CODE, PROGRAM-CODE
- **Extract Rules:** Using the program code from PGRM, look up the degree code.
- **Load Rules:** Copy from hold table
**B_SIS_CODES**

**SIS Institution Specific Codes Base Table**

Table Contents: This table contains codes taken directly from the SIS tables. They are specific to each institution.

Original Source: All values from various applicable SIS reference tables are extracted.

Extract Rules: All values are extracted.

Load Source: ZH_SIS_CODES

Load Process: If a record already exists for this INST/TABLE/VALUE/CRITERIA and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_SIS_CODES.

Procedure Name: B_LOAD_CODES

---

**INSTITUTION_CODE**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The code that identifies the institution that offered this course.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>Focus Parameter N/A</td>
</tr>
<tr>
<td>Source Fields</td>
<td>INST parm</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**SIS_TABLE**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The SIS table from which this code was extracted.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>Focus Program N/A</td>
</tr>
<tr>
<td>Source Fields</td>
<td>hard coded</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**SIS_VALUE**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The SIS code value.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Tables various</td>
</tr>
<tr>
<td>Source Fields</td>
<td>various</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**SIS_CRITERIA**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Any additional criteria that was used to extract the code.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>Focus Parameter, Focus Program various Focus Program</td>
</tr>
<tr>
<td>Source Fields</td>
<td>various</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**SIS_DESCR_LONG**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned long description for the code.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Tables various</td>
</tr>
<tr>
<td>Source Fields</td>
<td>various</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**SIS_DESCR_SHORT**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned short description for the code.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Tables various</td>
</tr>
<tr>
<td>Source Fields</td>
<td>various</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**STD_CODE_TYPE**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The standard code type from C_STANDARD_CODES.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>Data Entry N/A</td>
</tr>
<tr>
<td>Source Fields</td>
<td>N/A</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Rules</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### STD_CODE_VALUE
- **Column Contents:** The standard value type from C_STANDARD_CODES.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A

### ADD_DATE_TIME
- **Column Contents:** Oracle time stamp that identifies that last time this record was added.
- **Data Source:** Oracle
- **Source Fields:** SYSDATE
- **Extract Rules:** N/A
- **Load Rules:** N/A

### MOD_DATE_TIME
- **Column Contents:** Oracle time stamp that identifies that last time this record was changed.
- **Data Source:** Oracle
- **Source Fields:** SYSDATE
- **Extract Rules:** N/A
- **Load Rules:** N/A

### CS_FLAG
- **Column Contents:** The (Y/N) flag indicating whether this code signifies community service - only applicable for LEVL and OFFC.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A
## SIS Institution Specific Code Types Base Table

**Table Contents:** This table contains information about the SIS tables that are in B_SIS_CODES.

**Original Source:** Manual load

**Extract Rules:** N/A

**Load Source:** N/A

**Load Process:** Enter new values as they are defined in the B_SIS_CODES extract.

**Procedure Name:** N/A

### SIS_TABLE
- **Column Contents:** The SIS table acronym.
- **Data Source:** Data Entry
- **Source Fields:**
- **Extract Rules:** N/A
- **Load Rules:** N/A

### SIS_CRITERIA
- **Column Contents:** Any additional criteria that was used to extract the codes.
- **Data Source:** Data Entry
- **Source Fields:**
- **Extract Rules:** N/A
- **Load Rules:** N/A

### SIS_TABLE_DESCRIPTION
- **Column Contents:** The description of the table.
- **Data Source:** Data Entry
- **Source Fields:**
- **Extract Rules:** N/A
- **Load Rules:** N/A

### COMMENTS
- **Column Contents:** Special comments about this SIS table.
- **Data Source:** Data Entry
- **Source Fields:**
- **Extract Rules:** N/A
- **Load Rules:** N/A

### STD_CODE_TYPE
- **Column Contents:** The corresponding standard code type.
- **Data Source:** Data Entry
- **Source Fields:**
- **Extract Rules:** N/A
- **Load Rules:** N/A
**Student Degree Base Table**

**Table Contents:** This table contains SIS information about degrees that students have received at UCCSN institutions.

**Original Source:** The SIS APRG table is the basis for this table. Information is also gathered from the SIS GGPA table. The GGPA information is inconsistent prior to spring 1998.

**Extract Rules:** Information is extracted for those students with a TSTA/S1 and at least 1 TOOK/S3 for the selected term and the APRG RQMTS-COMPLETED-FLAG = 'Y'. The student must also have a valid NAME record.

**Load Source:** ZH_STUDENT_DEGREES

**Load Process:** If a record already exists for this INST/PERSON/PROGRAM and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_STUDENT_DEGREES.

**Procedure Name:** B_LOAD_SDEGREES

### STUDENT_DEGREE_KEY
- **Column Contents:** Generated Key - Use for joins.
- **Data Source:** Oracle Sequence SDEGREE_SEQ
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** Generated by Oracle Trigger - BSDG_KEY_TRG

### INSTITUTION_CODE
- **Column Contents:** The code that identifies the institution that granted this student this degree.
- **Data Source:** SIS Extract **SELECT card** Parameter
- **Source Fields:** SELECT-INST-CODE
- **Extract Rules:** Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.
- **Load Rules:** Copy from hold table

### PERSON_KEY
- **Column Contents:** The warehouse ID for this student.
- **Data Source:** Oracle Table B_PEOPLE
- **Source Fields:** PERSON_KEY
- **Extract Rules:** N/A
- **Load Rules:** Lookup PERSON_KEY in B_PEOPLE using the PERSON_ID_SIS.

### PROGRAM_CODE_APRG
- **Column Contents:** The institution assigned SIS code that identifies the program of study in which the student received the degree.
- **Data Source:** SIS Table APRG
- **Source Fields:** PROGRAM-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### GRADUATION_DATE_APRG
- **Column Contents:** The date this degree was awarded.
- **Data Source:** SIS Table APRG
- **Source Fields:** GRADUATION-DATE
- **Extract Rules:** If blank or 0, then move blanks, else copy from source.
- **Load Rules:** Copy from hold table

### GPA_CODE_GGPA
- **Column Contents:** The institution assigned SIS code that identifies the type of GPA. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table GGPA
- **Source Fields:** GPA-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
### GPA_VALUE_GGPA
- **Column Contents:** Institution defined value for the GPA for this degree. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table APRG, GGPA
- **Source Fields:** PERSON-ID, PROGRAM-CODE, GPA-VALUE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### GRAD_TERM_YR_GGPA
- **Column Contents:** The calendar year this student received this degree. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table APRG, GGPA
- **Source Fields:** PERSON-ID, PROGRAM-CODE, TERM-YR
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### GRAD_TERM_CD_GGPA
- **Column Contents:** The institution assigned SIS code that identifies the semester within the term year this student received this degree. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table APRG, GGPA
- **Source Fields:** PERSON-ID, PROGRAM-CODE, TERM-CD
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### SGPA_TERM_YR_GGPA
- **Column Contents:** The calendar year the GPA was recorded for this degree. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table GGPA
- **Source Fields:** SGPA-TERM-YR
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### SGPA_TERM_CD_GGPA
- **Column Contents:** The institution assigned SIS code that identifies the semester within the term year the GPA was recorded for this degree. The GGPA information is inconsistent prior to spring 1998.
- **Data Source:** SIS Table GGPA
- **Source Fields:** SGPA-TERM-CD
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### PROGRAM_KEY
- **Column Contents:** Generated Key - Use for joins to the program dimension.
- **Data Source:** Oracle Table B_PROGRAMS
- **Source Fields:** PROGRAM_KEY
- **Extract Rules:** N/A
- **Load Rules:** Using INSTITUTION_CODE, PROGRAM_CODE_APRG, lookup the key.
**Student Enrollment Base Table**

Table Contents: This table contains SIS information about the course sections in which students are enrolled.

Original Source: The SIS TOOK table or the stat file S3 record is the basis for this table.

Extract Rules: TOOK records for students with a TSTA/S1 for the selected term are considered for extract. TOOK/S3 records with METHOD-FLAG = 'T'(transfer) or 'H'(waitlisted) are excluded. Valid CRSE and CLAS records must exist for the class to be included.

Load Source: ZH_STUDENT_ENROLLMENT

Load Process: If a record already exists for this TERM/RPDT DATE/INST/PERSON/COURSE/SECTION and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_STUDENT_ENROLLMENT.

Procedure Name: B_LOAD_SENROLL

<table>
<thead>
<tr>
<th>STUDENT_KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: Generated Key - Use for joins.</td>
</tr>
<tr>
<td>Data Source: Oracle Table B_STUDENTS_BY_TERM</td>
</tr>
<tr>
<td>Source Fields: STUDENT_KEY</td>
</tr>
<tr>
<td>Extract Rules: N/A</td>
</tr>
<tr>
<td>Load Rules: Lookup STUDENT_KEY in B_STUDENTS_BY_TERM using the PERSON_ID_SIS and the TIME_KEY.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COURSE_SECTION_KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: Generated Key - Use for joins to the course section dimension.</td>
</tr>
<tr>
<td>Data Source: Oracle Table B_COURSE_SECTIONS</td>
</tr>
<tr>
<td>Source Fields: COURSE_SECTION_KEY</td>
</tr>
<tr>
<td>Extract Rules: N/A</td>
</tr>
<tr>
<td>Load Rules: Using INSTITUTION_CODE, TIME_KEY, COURSE_PREFIX_TOOK, COURSE_NUMBER_TOOK, COURSE_SUFFIX_TOOK, SECTION_CODE_TOOK to lookup the key.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM_YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: The calendar year this course section was taken.</td>
</tr>
<tr>
<td>Data Source: SIS Extract **SELECT card Parameter</td>
</tr>
<tr>
<td>Source Fields: SELECT-TERM-YEAR</td>
</tr>
<tr>
<td>Extract Rules: Validated against the TERM table. If not valid, the extract process is terminated.</td>
</tr>
<tr>
<td>Load Rules: Copy from hold table</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERM_CODE_STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: The standardized code that uniquely identifies the semester within the term year this course section was taken.</td>
</tr>
<tr>
<td>Data Source: SIS Extract **SELECT card Parameter</td>
</tr>
<tr>
<td>Source Fields: SELECT-TERM-CODE-STD</td>
</tr>
<tr>
<td>Extract Rules: Copy from source</td>
</tr>
<tr>
<td>Load Rules: Copy from hold table</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REPORTING_DATE_CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: The code that uniquely identifies the point in time within the term that this data was collected.</td>
</tr>
<tr>
<td>Data Source: SIS Extract **SELECT card Parameter</td>
</tr>
<tr>
<td>Source Fields: SELECT-RPT-DATE-CODE</td>
</tr>
<tr>
<td>Extract Rules: Not validated in the extract process.</td>
</tr>
<tr>
<td>Load Rules: Copy from hold table</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INSTITUTION_CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Contents: The code that identifies the institution where this course section was taken.</td>
</tr>
<tr>
<td>Data Source: SIS Extract **SELECT card Parameter</td>
</tr>
<tr>
<td>Source Fields: SELECT-INST-CODE</td>
</tr>
<tr>
<td>Extract Rules: Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.</td>
</tr>
<tr>
<td>Load Rules: Copy from hold table</td>
</tr>
</tbody>
</table>
## Student Enrollment Base Table

### PERSON_KEY
- **Column Contents:** The warehouse ID for this student.
- **Data Source:** Oracle Table B_STUDENTS_BY_TERM
- **Source Fields:** PERSON_KEY
- **Extract Rules:** N/A
- **Load Rules:** Lookup PERSON_KEY in B_STUDENTS_BY_TERM using the PERSON_ID_SIS and the TIME_KEY.

### TIME_KEY
- **Column Contents:** Generated key - Use for joins to the time dimension.
- **Data Source:** Oracle Table A_TIME_DIM
- **Source Fields:** TIME_KEY
- **Extract Rules:** N/A
- **Load Rules:** Lookup TIME_KEY using TERM_YEAR, TERM_CODE_STD, REPORTING_DATE_CODE

### COURSE_PREFIX_TOOK
- **Column Contents:** The institution assigned SIS prefix for this course. This field works in combination with COURSE-NUMBER and COURSE-SUFFIX to uniquely identify this class.
- **Data Source:** SIS Table, Stat File TOOK, S3-RECORD
- **Source Fields:** COURSE-PREFIX, S3-COURSE-PREFIX
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### COURSE_NUMBER_TOOK
- **Column Contents:** The institution assigned SIS number for this course. The field works in combination with COURSE-PREFIX and COURSE-SUFFIX to uniquely identify this class.
- **Data Source:** SIS Table, Stat File TOOK, S3-RECORD
- **Source Fields:** COURSE-NUMBER, S3-COURSE-NUMBER
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### COURSE SUFFIX TOOK
- **Column Contents:** The institution assigned SIS code that further defines a course number within a subject. This field works in combination with COURSE-PREFIX, COURSE-NUMBER and SECTION-CODE to uniquely identify this class.
- **Data Source:** SIS Table, Stat File TOOK, S3-RECORD
- **Source Fields:** COURSE-SUFFIX, S3-COURSE-SUFFIX
- **Extract Rules:** If blank then move '-' else copy from source. The '-' makes the load into the warehouse easier. It will be removed.
- **Load Rules:** If '-' insert blank, else copy from hold table

### SECTION_CODE_TOOK
- **Column Contents:** The institution assigned SIS code that identifies this section within the course.
- **Data Source:** SIS Table, Stat File TOOK, S3-RECORD
- **Source Fields:** SECTION-CODE, S3-SECTION-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

### TERM_CODE_SIS
- **Column Contents:** The institution assigned SIS code that identifies the semester within the term year this course section was taken.
- **Data Source:** SIS Extract **SELECT card Parameter
- **Source Fields:** SELECT-TERM-CODE
- **Extract Rules:** Validated against the TMCO table. If not valid, the extract process is terminated.
- **Load Rules:** Copy from hold table
<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NUM_UNITS_TOOK</strong></td>
<td>The number of semester credits awarded to this student for successfully completing this course.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>NUM-UNITS, S3-NUM-UNITS</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>METHOD_FLAG_TOOK</strong></td>
<td>The SIS code that identifies the method for which the student took this class.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>METHOD-FLAG, S3-METHOD-FLAG</td>
</tr>
<tr>
<td>Load Rules</td>
<td>If the value is blank, issue an error message and skip the record. Otherwise, copy from source.</td>
</tr>
<tr>
<td><strong>CLASS_STATUS_TOOK</strong></td>
<td>The SIS code that identifies the student's current status in this course section.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>CLASS-STATUS</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Took Table - If the value is blank, issue an error message and skip the record. Otherwise, copy from source. Stat File - If S3-DROP-DATE-MMDDYY is not null, set to 'W'. Otherwise, if S3-FINAL-GRADE is null, set to 'I', else set to 'C'.</td>
</tr>
<tr>
<td><strong>FINAL_GRADE_TOOK</strong></td>
<td>The institution assigned SIS code that identifies the initial grade the student received upon completing this course. Can be overridden by FINAL_REPLACEMENT_GRADE_TOOK.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>FINAL-GRADE, S3-FINAL-GRADE</td>
</tr>
<tr>
<td><strong>REPLACEMENT_FINAL_GRADE_TOOK</strong></td>
<td>The institution assigned SIS code that identifies the corrected grade the student received upon completing this course. Overrides the FINAL_GRADE_TOOK.</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Took Table - Copy from source Stat File - null</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>WHY_CODE_TOOK</strong></td>
<td>The institution assigned SIS code that indicates the percentage of tuition refunded when the student withdrew from this course section.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>WHY-CODE, S3-WHY-GROUP-CODE</td>
</tr>
<tr>
<td><strong>CLASS_ACTION_DATE_TOOK</strong></td>
<td>TOOK - The date the last action occurred on this record. S3 - The date the student withdrew from this course section. The date may be used in conjunction with other fields to determine the date the student withdrew from this course section.</td>
</tr>
<tr>
<td>Data Source</td>
<td>SIS Table, Stat File TOOK, S3-RECORD</td>
</tr>
<tr>
<td>Source Fields</td>
<td>CLASS-ACTION-DATE, S3-DROP-DATE-MMDDYY</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>If the WHY-CODE on TOOK is blank then move spaces else if the WHY-CODE on TOOK is not blank and the CLASS-ACTION-DATE is blank then issue a warning. Copy from source.</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>CLASS_ACTION_CODE_TOOK</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td>Column Contents:</td>
<td>The institution assigned SIS code that indicates the last registration action that occurred for this class.</td>
</tr>
<tr>
<td>Data Source:</td>
<td>SIS Table TOOK</td>
</tr>
<tr>
<td>Source Fields:</td>
<td>CLASS-ACTION-CODE</td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>Took Table - Copy from source Stat File - null</td>
</tr>
<tr>
<td>Load Rules:</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>
**Student Previous Education Base Table**

**Table Contents:** This table contains SIS information about previous high schools and colleges that students have attended.

**Original Source:** The SIS PVED table serves as the basis for this table.

**Extract Rules:** All PVED records for students with a TSTA/S1 and at least 1 TOOK/S3 for the selected term are extracted. The student must also have a valid NAME record.

**Load Process:** If a record already exists for this INST/PERSON/OTHER INST/TRAN# and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_STUDENT_PREV_EDUCATION.

**Procedure Name:** B_LOAD_SPVED

**INSTITUTION_CODE**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The code that identifies the UCCSN institution where this previous education was accepted.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Extract <strong>SELECT card</strong></td>
</tr>
<tr>
<td>Source Fields</td>
<td>SELECT-INST-CODE</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**PERSON_KEY**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The warehouse ID for this student.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>Oracle table B_PEOPLE</td>
</tr>
<tr>
<td>Source Fields</td>
<td>PERSON_KEY</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Lookup PERSON_KEY in B_PEOPLE using the PERSON_ID_SIS.</td>
</tr>
</tbody>
</table>

**INSTITUTION_ID_PVED**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned SIS code that identifies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Table PVED</td>
</tr>
<tr>
<td>Source Fields</td>
<td>INSTITUTION-ID</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**TRANSCRIPT_NUMBER_PVED**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned SIS code that makes this PVED record unique. This field is not consistently populated. It is only used to eliminate duplicate keys.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Table PVED</td>
</tr>
<tr>
<td>Source Fields</td>
<td>TRANSCRIPT-NUMBER</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**CREDENTIAL_RECEIPT_CODE_PVED**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned SIS code that identifies the status of this PVED record.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Table PVED</td>
</tr>
<tr>
<td>Source Fields</td>
<td>CREDENTIAL-RECEIPT-CODE</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**CREDENTIAL_RECEIPT_DATE_PVED**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The date this PVED record was received.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Table PVED</td>
</tr>
<tr>
<td>Source Fields</td>
<td>CREDENTIAL-RECEIPT-DATE</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>

**LEVEL_CODE_PVED**

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>The institution assigned SIS code that identifies the academic level of this previous education.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source</td>
<td>SIS Table PVED</td>
</tr>
<tr>
<td>Source Fields</td>
<td>LEVEL-CODE</td>
</tr>
<tr>
<td>Extract Rules</td>
<td>Copy from source</td>
</tr>
<tr>
<td>Load Rules</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>
ATTENDANCE_BEGIN_DATE_PVED
Column Contents: The year and month the student began attending the institution.
Data Source: SIS Table PVED
Source Fields: ATTENDANCE-BEGIN-DATE
Extract Rules: Copy from source
Load Rules: Copy from hold table

ATTENDANCE_END_DATE_PVED
Column Contents: The year and month the student stopped attending the institution.
Data Source: SIS Table PVED
Source Fields: ATTENDANCE-END-DATE
Extract Rules: Copy from source
Load Rules: Copy from hold table

GPA_VALUE_PVED
Column Contents: Institution defined value for the GPA attained at this institution.
Data Source: SIS Table PVED
Source Fields: GPA-VALUE
Extract Rules: Copy from source
Load Rules: Copy from hold table

NUM_UNITS_EARNED_PVED
Column Contents: The total number of units earned for this PVED record.
Data Source: SIS Table PVED
Source Fields: NUM-UNITS-EARNED
Extract Rules: Copy from source
Load Rules: Copy from hold table

UNIT_CODE_PVED
Column Contents: The institution assigned SIS code that identifies the type of units.
Data Source: SIS Table PVED
Source Fields: UNIT-CODE
Extract Rules: Copy from source
Load Rules: Copy from hold table

RANK_OFFICIAL_FLAG_PVED
Column Contents: The (Y/N) flag indicating whether this is an official transcript. Not consistently used by all institutions.
Data Source: SIS Table PVED
Source Fields: RANK-OFFICIAL-FLAG
Extract Rules: Copy from source
Load Rules: Copy from hold table
**B_STUDENTS_BY_TERM**

**Student Base Table**

Table Contents: This table contains SIS information about students on a particular reporting date.

Original Source: The SIS TSTA table or the stat file S1 record serves as the basis for this table. Information is also gathered from the SIS NAME, DEMO, ODAT, RESI, SAST, ADDR, APPL, SGPA, PVED and INST tables.

Extract Rules: Information is extracted for those students with a TSTA/S1 and at least 1 TOOK/S3 for the selected term. The student must also have a valid NAME record.

Load Source: ZH_STUDENTS_BY_TERM

Load Process: If a record already exists for this TERM/RPT DATE/INST/PERSON and data has changed then update it, otherwise add it. Skip unchanged existing records. Add a record to ZA_STUDENTS_BY_TERM.

Procedure Name: B_LOAD_STUDENTS

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>STUDENT_KEY</td>
<td>Oracle Sequence</td>
<td>STUDENT_SEQ</td>
<td>N/A</td>
<td>Generated by Oracle Trigger - BSTT_KEY_TRG</td>
</tr>
<tr>
<td>TERM_YEAR</td>
<td>SIS Extract</td>
<td>**SELECT card</td>
<td>Validated against the TERM table. If not valid, the extract process is terminated.</td>
<td></td>
</tr>
<tr>
<td>TERM_CODE_STD</td>
<td>SIS Extract</td>
<td>**SELECT card</td>
<td>Copy from source</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>REPORTING_DATE_CODE</td>
<td>SIS Extract</td>
<td>**SELECT card</td>
<td>Not validated in the extract process.</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>INSTITUTION_CODE</td>
<td>SIS Extract</td>
<td>**SELECT card</td>
<td>Validated for value of CCSN, GBC, UNLV, UNR, TMCC or WNCC. If not valid, the extract process is terminated.</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td>PERSON_KEY</td>
<td>Oracle Table</td>
<td>PERSON_KEY</td>
<td>N/A</td>
<td>Lookup PERSON_KEY in B_PEOPLE using the PERSON_ID_SIS.</td>
</tr>
</tbody>
</table>

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## Student Base Table

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TIME_KEY</strong></td>
<td>Column Contents: Generated key - Use for joins to the time dimension.</td>
<td>Oracle Table A_TIME_DIM</td>
<td>TIME_KEY</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>PERSON_ID_SIS</strong></td>
<td>Column Contents: Unique ID assigned by SIS for this student at this institution.</td>
<td>SIS Table NAME</td>
<td>PERSON-ID</td>
<td>Copy from source</td>
</tr>
<tr>
<td><strong>TERM_CODE_SIS</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the semester within the term year to which this student information applies.</td>
<td>SIS Extract SELECT-TERM-CODE</td>
<td>SELECT-TERM-CODE</td>
<td>Validated against the TMCO table. If not valid, the extract process is terminated.</td>
</tr>
<tr>
<td><strong>BILLING_PROGRAM_CODE_TSTA</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the student's primary program of study.</td>
<td>SIS Table, Stat File TSTA, S1-RECORD</td>
<td>BILLING-PROGRAM-CODE, S1-BILLING-PROGRAM-CODE</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>RESIDENCY_CODE_TSTA</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the student's residency for tuition purposes.</td>
<td>SIS Table, Stat File TSTA, S1-RECORD</td>
<td>RESIDENCY-CODE, S1-RESIDENCY-CODE</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>STANDING_LEVEL_CODE_TSTA</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the academic level of this student.</td>
<td>SIS Table, Stat File TSTA, S1-RECORD</td>
<td>LEVEL-CODE, S1-LEVEL-CODE</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>STANDING_YEAR_CODE_TSTA</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the year within the academic level of this student.</td>
<td>SIS Table, Stat File TSTA, S1-RECORD</td>
<td>YEAR-CODE, S1-YEAR-CODE</td>
<td>Copy from hold table</td>
</tr>
<tr>
<td><strong>STUDENT_STATUS_CODE_TSTA</strong></td>
<td>Column Contents: The institution assigned SIS code that identifies the student's status for registration and fee assessment purposes.</td>
<td>SIS Table, Stat File TSTA, S1-RECORD</td>
<td>STUDENT-STATUS-CODE, S1-STUDENT-STATUS-CODE</td>
<td>Copy from hold table</td>
</tr>
</tbody>
</table>
TRANSFER_STUDENT_FLAG_TSTA
- **Column Contents:** The SIS code indicating whether the person is a transfer student. Valid values are T-Transfer and spaces-Not a transfer student. This field is not consistently populated by all institutions.
- **Data Source:** SIS Table TSTA
- **Source Fields:** TRANSFER-STUDENT-FLAG
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

COUNTRY_CODE_TSTA
- **Column Contents:** The institution assigned SIS code that identifies this person's country of residence.
- **Data Source:** SIS Table TSTA
- **Source Fields:** COUNTRY-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

STATE_CODE_TSTA
- **Column Contents:** The institution assigned SIS code that identifies this person's state of residence.
- **Data Source:** SIS Table TSTA
- **Source Fields:** STATE-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

EXEMPTION_CODE_TSTA
- **Column Contents:** The institution assigned SIS exemption code used to calculate non-standard billing charges, such as scholarships and senior citizens that this student received. This is often used to identify senior citizen and WICHE students.
- **Data Source:** SIS Table TSTA
- **Source Fields:** EXEMPTION-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

DEAL_CODE_TSTA
- **Column Contents:** The institution assigned SIS code that identifies non-standard billing arrangements or deals that the institution made with other institutions and organizations.
- **Data Source:** SIS Table TSTA
- **Source Fields:** DEAL-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

GENDER_NAME
- **Column Contents:** The SIS code that identifies the self-reported gender. Valid values are M-Male, F-Female, or spaces-Unknown.
- **Data Source:** SIS Table, Stat File NAME, S1-RECORD
- **Source Fields:** GENDER, S1-GENDER
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

DATE_OF_BIRTH_NAME
- **Column Contents:** Date of birth for this student.
- **Data Source:** SIS Table, Stat File NAME, S1-RECORD
- **Source Fields:** DATE-OF-BIRTH, S1-DATE-OF-BIRTH
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

ETHNIC_GROUP_CODE_DEMO
- **Column Contents:** The institution assigned SIS code that identifies the self-reported ethnicity/race of this student.
- **Data Source:** SIS Table, Stat File DEMO, S1-RECORD
- **Source Fields:** ETHNIC-GROUP-CODE, S1-ETHNIC-GROUP-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
### Student Base Table

**FLAG_10_VALUE_DEMO**
- **Column Contents:** The institution assigned SIS code that identifies the Right to Know Cohort that this student was a part of. It is no longer used.
- **Data Source:** SIS Table, Stat File DEMO, S1-RECORD
- **Source Fields:** FLAG-10-VALUE, S1-COHORT-VALUE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**CODE_CODE_1_ODAT**
- **Column Contents:** The institution assigned SIS code that identifies if this student is part of a Part-time or Full-time cohort for the Right to Know reporting.
- **Data Source:** SIS Table ODAT, screen-id=ORTK
- **Source Fields:** CODE-CODE-1
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**CODE_CODE_2_ODAT**
- **Column Contents:** The institution year this student was part of a Part-time or Full-time cohort for the Right to Know reporting.
- **Data Source:** SIS Table ODAT, screen-id=ORTK
- **Source Fields:** CODE-CODE-2
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

**COUNTRY_OF_RESIDENCE_RESI**
- **Column Contents:** The institution assigned SIS code that identifies the country of residency of this student.
- **Data Source:** SIS Table, Stat File RESI, S1-RECORD
- **Source Fields:** COUNTRY-OF-RESIDENCE, S1-ORIGIN
- **Extract Rules:** Resi Table - Copy from source Stat File - If S1-ORIGIN-COUNTRY is true, use stat field, else use RESI field.
- **Load Rules:** Copy from hold table

**STATE_CODE_RESI**
- **Column Contents:** The institution assigned SIS code that identifies the US state of residency of this student.
- **Data Source:** SIS Table, Stat File RESI, S1-RECORD
- **Source Fields:** STATE-CODE, S1-ORIGIN
- **Extract Rules:** Resi Table - Copy from source Stat File - If S1-ORIGIN-STATE is true, use stat field, else use RESI field.
- **Load Rules:** Copy from hold table

**COUNTY_CODE_RESI**
- **Column Contents:** The institution assigned SIS code that identifies the Nevada or Good Neighbor county of residency of this student.
- **Data Source:** SIS Table, Stat File RESI, S1-RECORD
- **Source Fields:** COUNTY-CODE, S1-ORIGIN
- **Extract Rules:** Resi Table - Copy from source Stat File - If S1-ORIGIN-COUNTY is true, use stat field, else use RESI field.
- **Load Rules:** Copy from hold table

**PERMANENT_EXEMPTION_RESI**
- **Column Contents:** The institution assigned SIS code used to designate tuition exemptions. Used in the warehouse extract to indicate senior citizen status.
- **Data Source:** SIS Table RESI
- **Source Fields:** PERMANENT-EXEMPTION
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
# Student Base Table

## CITIZENSHIP_FLAG_RESI
- **Column Contents:** The SIS flag indicating whether this person is a citizen of the USA. Valid values are "Y" (yes), "N" (no), or "P" (permanent resident), or "O" (other).
- **Data Source:** SIS Table
- **Source Fields:** CITIZENSHIP-FLAG
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

## COUNTRY_OF_CITIZENSHIP_RESI
- **Column Contents:** The institution assigned SIS code that identifies the country of citizenship of this student.
- **Data Source:** SIS Table, Stat File TSTA, S1-RECORD
- **Source Fields:** COUNTRY_OF_CITIZENSHIP, S1-COUNTRY_OF_CITIZENSHIP
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

## VISA_CODE_RESI
- **Column Contents:** The institution assigned SIS code that identifies the type of visa.
- **Data Source:** SIS Table
- **Source Fields:** VISA-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

## ACADEMIC_STATUS_CODE_SAST
- **Column Contents:** The institution assigned SIS code used to designate the student's academic status.
- **Data Source:** SIS Table
- **Source Fields:** ACADEMIC-STATUS-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table

## POST_CODE_ADDR
- **Column Contents:** The zip code for the current mailing address of this student.
- **Data Source:** SIS Table
- **Source Fields:** POST-CODE
- **Extract Rules:** Select current ADDR record where the ADDRESS-CODE = the parmed ADDRESS CODE. If the POST-CODE on ADDR is blank issue a warning.
- **Load Rules:** Copy from hold table

## FLAG_6_VALUE_APPL
- **Column Contents:** This field was captured because UNLV and UNR use it to flag the basis of admissions.
- **Data Source:** SIS Table, Stat File APPL, S1-RECORD
- **Source Fields:** FLAG-6-VALUE, S1-ADMISSION-BASIS
- **Extract Rules:** Find the last APPL record for the parmed office. Use the flags from that record. If the parmed office code is blanks, skip the processing.
- **Load Rules:** Copy from hold table

## FLAG_9_VALUE_APPL
- **Column Contents:** This field was captured because UNLV uses it to flag early admit high school students.
- **Data Source:** SIS Table
- **Source Fields:** FLAG-9-VALUE
- **Extract Rules:** Find the last APPL record for the parmed office. Use the flags from that record. If the parmed office code is blanks, skip the processing.
- **Load Rules:** Copy from hold table

## TERM_GPA_CODE_SGPA
- **Column Contents:** The institution assigned SIS code that identifies the type of GPA. This code is a parameter entered for the extract job.
- **Data Source:** SIS Table
- **Source Fields:** TERM-GPA-CODE
- **Extract Rules:** Copy from source
- **Load Rules:** Copy from hold table
### Student Base Table

**TERM_GPA_VALUE_SGPA**
- **Column Contents**: Institution defined value for the reported term GPA for the academic level.
- **Data Source**: SIS Table SGPA
- **Source Fields**: GPA-VALUE
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed TERM-SGPA-CODE to look up GPA-VALUE on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table

**TERM_NUM_UNITS_ATTEMPTED_SGPA**
- **Column Contents**: Institution defined value for the attempted credits included in the term GPA.
- **Data Source**: SIS Table SGPA
- **Source Fields**: NUM-UNITS-ATTEMPTED
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed TERM-SGPA-CODE to look up NUM-UNITS-ATTEMPTED on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table

**TERM_NUM_UNITS_EARNED_SGPA**
- **Column Contents**: Institution defined value for the earned credits included in the term GPA.
- **Data Source**: SIS Table SGPA
- **Source Fields**: NUM-UNITS-EARNED
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed TERM-SGPA-CODE to look up NUM-UNITS-EARNED on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table

**CUM_GPA_CODE_SGPA**
- **Column Contents**: The institution assigned SIS code that identifies type of GPA. This code is a parameter entered for the extract job.
- **Data Source**: SIS Table SGPA
- **Source Fields**: CUM-GPA-CODE
- **Extract Rules**: Copy from source
- **Load Rules**: Copy from hold table

**CUM_GPA_VALUE_SGPA**
- **Column Contents**: Institution defined value for the reported cumulative GPA for the academic level.
- **Data Source**: SIS Table SGPA
- **Source Fields**: GPA-VALUE
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed CUM-SGPA-CODE to look up GPA-VALUE on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table

**CUM_NUM_UNITS_ATTEMPTED_SGPA**
- **Column Contents**: Institution defined value for the attempted credits included in the cumulative GPA.
- **Data Source**: SIS Table SGPA
- **Source Fields**: NUM-UNITS-ATTEMPTED
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed CUM-SGPA-CODE to look up NUM-UNITS-ATTEMPTED on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table

**CUM_NUM_UNITS_EARNED_SGPA**
- **Column Contents**: Institution defined value for the earned credits included in the cumulative GPA.
- **Data Source**: SIS Table SGPA
- **Source Fields**: NUM-UNITS-EARNED
- **Extract Rules**: If the parmed SELECT-SGPA-FLAG is 'N' then move spaces else use TSTA PERSON-ID/TERM and parmed CUM-SGPA-CODE to look up NUM-UNITS-EARNED on SGPA. If SGPA is not found then move spaces.
- **Load Rules**: Copy from hold table
### TRAN_INSTITUTION_ID_PVED
- **Column Contents:** The institution assigned SIS code that identifies the latest transfer institution.
- **Data Source:** SIS Table PVED
- **Source Fields:** INSTITUTION-ID
- **Extract Rules:** Find the PVED with level = to the level on TSTA with the latest ATTENDANCE_END_DATE
- **Load Rules:** Copy from hold table

### TRAN_STATE_CODE_INST
- **Column Contents:** The institution assigned SIS code that identifies the state of the latest transfer institution.
- **Data Source:** SIS Table PVED_INST
- **Source Fields:** INSTITUTION-ID, STATE-CODE
- **Extract Rules:** Find the PVED with level = to the level on TSTA with the latest ATTENDANCE_END_DATE
- **Load Rules:** Copy from hold table

### TRAN_NUM_UNITS_EARNED_PVED
- **Column Contents:** Total credits at the current level transferred to this institution from all institutions.
- **Data Source:** SIS Table PVED
- **Source Fields:** NUM-UNITS-EARNED
- **Extract Rules:** Sum the NUM-UNITS-EARNED on PVED where the LEVEL-CODE on PVED is = to the LEVEL-CODE on the TSTA. If no PVED found set field to spaces.
- **Load Rules:** Copy from hold table

### TRAN_GPA_VALUE_PVED
- **Column Contents:** Cumulative GPA for the transferred credits. Calculated from total credits from all previous transfer institutions at that level.
- **Data Source:** SIS Table PVED
- **Source Fields:** GPA-VALUE, NUM-UNITS-EARNED
- **Extract Rules:** Sum the NUM-UNITS-EARNED x GPA-VALUE for PVEDs where the LEVEL-CODE on PVED = the LEVEL-CODE on the TSTA. Divide by total NUM-UNITS-EARNED. If PVED is not found then set field to spaces.
- **Load Rules:** Copy from hold table

### HS_INSTITUTION_ID_PVED
- **Column Contents:** The institution assigned SIS code that identifies the latest high school the student attended.
- **Data Source:** SIS Table PVED
- **Source Fields:** INSTITUTION-ID
- **Extract Rules:** Find the PVED with level = to the parmed high school level with the latest ATTENDANCE_END_DATE
- **Load Rules:** Copy from hold table

### HS_STATE_CODE_INST
- **Column Contents:** The institution assigned SIS code that identifies the state of the latest high school the student attended.
- **Data Source:** SIS Table PVED_INST
- **Source Fields:** INSTITUTION-ID, STATE-CODE
- **Extract Rules:** Find the PVED with level = to the parmed high school level with the latest ATTENDANCE_END_DATE
- **Load Rules:** Copy from hold table

### HS_LEVEL_CODE_PVED
- **Column Contents:** The institution assigned SIS code that identifies the level code used to identify the latest high school the student attended.
- **Data Source:** SIS Table PVED
- **Source Fields:** HS-LEVEL-CODE
- **Extract Rules:** Find the PVED with level = to the parmed high school level with the latest ATTENDANCE_END_DATE
- **Load Rules:**

### HS_ATTENDANCE_END_DATE_PVED
- **Column Contents:** The date the student graduated from the latest high school.
- **Data Source:** SIS Table PVED
- **Source Fields:** ATTENDANCE-END-DATE
- **Extract Rules:** Select the PVED record with the most recent ATTENDANCE-END-DATE and LEVEL-CODE = parmed high school LEVEL-CODE. Move '01' as day value. If no PVED is found move spaces to field.
- **Load Rules:** Copy from hold table
### B_STUDENTS_BY_TERM

#### HS_IDENTIFIER_CODE
**Column Contents:** High School Identifier code as determined by the state. Includes a school district code and then the student id.
**Data Source:** SIS Table IDENTIFIER-CODE
**Source Fields:** IDENTIFIER-CODE
**Extract Rules:** Select the IDENTIFIER-CODE record with code of NHS
**Load Rules:** Copy from hold table.

#### HS_DEGREE_CODE
**Column Contents:** The institution assigned High School Degree Code.
**Data Source:** SIS Table PVDG
**Source Fields:** DEGREE-CODE
**Extract Rules:** Select the PVDG related to the PVED high school entry. If no PVDG is found then move spaces to this field.
**Load Rules:** Copy from hold table.

#### HISPANIC_LATINO_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** HISPANIC-LATINO-FLAG, S1-HISPANIC-LATINO-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.

#### WHITE_ORIGIN_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** WHITE-ORIGIN-FLAG, S1-WHITE-ORIGIN-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.

#### BLACK_AFR_AM_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** BLACK-AFR-AM-FLAG, S1-BLACK-AFR-AM-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.

#### ASIAN_ORIGIN_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** ASIAN-ORIGIN-FLAG, S1-ASIAN-ORIGIN-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.

#### AM_IND_AK_NAT_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** AM-IND-AK-NAT-FLAG, S1-AM-IND-AK-NAT-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.

#### HI_PA_ISL_FLAG
**Column Contents:** Ethnic codes implemented in 2009.
**Data Source:** SIS Table, Stat File DEMO, S1-RECORD
**Source Fields:** HI-PA-ISL-FLAG, S1-HI-PA-ISL-FLAG
**Extract Rules:** Copy from source.
**Load Rules:** Copy from hold table.
<table>
<thead>
<tr>
<th><strong>Column Contents:</strong></th>
<th>Ethnic codes implemented in 2009.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data Source:</strong></td>
<td>SIS Table, Stat File DEMO, S1-RECORD</td>
</tr>
<tr>
<td><strong>Source Fields:</strong></td>
<td>NON-RES-ALIEN-FLAG, S1-NON-RES-ALIEN-FLAG</td>
</tr>
<tr>
<td><strong>Extract Rules:</strong></td>
<td>Copy from source.</td>
</tr>
<tr>
<td><strong>Load Rules:</strong></td>
<td>Copy from hold table.</td>
</tr>
</tbody>
</table>
### Load Statistics Table

**Table Contents:** This table contains statistics regarding the loading of data to the tables.

**Original Source:** Populated by various Oracle load procedures.

**Extract Rules:** N/A

**Load Source:** N/A

**Load Process:** N/A

**Procedure Name:** various

<table>
<thead>
<tr>
<th>LOAD_ID</th>
<th>Column Contents:</th>
<th>Unique id for this row</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td>Generated by Oracle Trigger - CLST_LID_TRG</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOAD_TERM</th>
<th>Column Contents:</th>
<th>The term year and code that was loaded. Not all loads are term specific.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOAD_REPORTING_DATE_CODE</th>
<th>Column Contents:</th>
<th>The term year and code that was loaded. Not all loads are reporting date specific.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOAD_INSTITUTION</th>
<th>Column Contents:</th>
<th>The term year and code that was loaded. Not all loads are institution specific.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
### Standard Code Type Table

This table contains the valid types of codes stored in the C_STANDARD_CODES table.

<table>
<thead>
<tr>
<th>Original Source:</th>
<th>Manual load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Source:</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Process:</td>
<td>Enter new values as they are defined.</td>
</tr>
<tr>
<td>Procedure Name:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### CODE_TYPE

<table>
<thead>
<tr>
<th>Column Contents:</th>
<th>Four characters that uniquely identify the type of code in the warehouse.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source:</td>
<td>Data Entry</td>
</tr>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### CODE_TYPE_DESCRIPTION

<table>
<thead>
<tr>
<th>Column Contents:</th>
<th>Description of this CODE_TYPE.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source:</td>
<td>Data Entry</td>
</tr>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### SIS_DWCT_TABLE_NUM

<table>
<thead>
<tr>
<th>Column Contents:</th>
<th>No longer relevant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source:</td>
<td></td>
</tr>
<tr>
<td>Source Fields:</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td></td>
</tr>
</tbody>
</table>

#### SIS_TABLE_NAMES

<table>
<thead>
<tr>
<th>Column Contents:</th>
<th>Table names and comments about associated SIS codes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source:</td>
<td>Data Entry</td>
</tr>
<tr>
<td>Source Fields:</td>
<td>N/A</td>
</tr>
<tr>
<td>Extract Rules:</td>
<td>N/A</td>
</tr>
<tr>
<td>Load Rules:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### COMMENTS

<table>
<thead>
<tr>
<th>Column Contents:</th>
<th>Special instructions about this code type.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Source:</td>
<td></td>
</tr>
<tr>
<td>Source Fields:</td>
<td></td>
</tr>
<tr>
<td>Extract Rules:</td>
<td></td>
</tr>
<tr>
<td>Load Rules:</td>
<td></td>
</tr>
</tbody>
</table>
### Standard Code Table

**Table Contents:** This table contains all standardized reference codes for the warehouse.

**Original Source:** Manual load

**Extract Rules:** N/A

**Load Source:** N/A

**Load Process:** Enter new values as they are defined.

**Procedure Name:** N/A

#### CODE_TYPE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four characters that uniquely identify the type of code in the warehouse. Must exist in C_STANDARD_CODE_TYPES.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### CODE_VALUE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>A short, unique value used to designate characteristics of data elements within the warehouse.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### CODE_DESCRIPTION

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description of the CODE_VALUE.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### ROLLUP1_TYPE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>The type of the first level of rollup for this code.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### ROLLUP1_VALUE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>The value of the first level of rollup for this code.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### ROLLUP2_TYPE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>The type of the second level of rollup for this code.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### ROLLUP2_VALUE

<table>
<thead>
<tr>
<th>Column Contents</th>
<th>Data Source</th>
<th>Source Fields</th>
<th>Extract Rules</th>
<th>Load Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>The value of the second level of rollup for this code.</td>
<td>Data Entry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**Standard Code Table**

**ROLLUP3_TYPE**
- **Column Contents:** The type of the third level of rollup for this code.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A

**ROLLUP3_VALUE**
- **Column Contents:** The value of the third level of rollup for this code.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A

**SORT_ORDER**
- **Column Contents:** Alternate sort order - used to order codes for special reporting.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A

**CODE_COMMENT**
- **Column Contents:** Any special information about this code.
- **Data Source:** Data Entry
- **Source Fields:** N/A
- **Extract Rules:** N/A
- **Load Rules:** N/A