APPENDIX A

(GBR) HESA Field Derivation

This chapter provides an overview of the Higher Education Statistics Agency (HESA) derivation steps and describes how Campus Solutions derives the field values for the HESA Student, ITT, DLHE, and Aggregate Offshore returns.

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The chapter has been updated for the first phase of Student return changes for 2012–13.

Understanding HESA Derivation Steps

Academic institutions submit the student-based statistical returns to HESA as an XML file. The XML file is composed of entities. Each entity, in turn, is composed of data fields. For example, the Institution entity in the student return 2009/10 has three data fields: INSTAPP, RECID, and UKPRN. The specifications for HESA returns are available from the HESA website. The specifications on the HESA website also include field validations and the valid field values for the various returns.

This chapter lists the:

- Campus Solution pages that the system uses to derive each field.
- Steps that the system performs to derive each field.

The chapter does not list the Constant and Default fields on the HESA Fields page that the system uses for derivation. However, it does note the step where the system uses a constant and default value for derivation. For information about the HESA Fields page, refer to the "(GBR) Managing HESA Returns" chapter in this PeopleBook.

The system performs a sequence of steps to derive a field. If the system finds a value in a certain step, it does not perform the next step. For example, the system performs the following steps to derive the Course.BITTM field value:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR*.

If a constant value exists for Course.BITTM, then the system uses the constant value in the return and does not perform Step 2 and the remaining steps. If a constant value does not exist, the system performs the next step in the sequence, which Step 2. If the system is not able to derive the value after performing Steps 1 through 5, it performs the last step and sets the Course.BITTM value to *NULL ERROR* in the HESA return.

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The last derivation step for most fields is to assign the value as *NULL ERROR* or *NULL*. If HESA requires a value for a field, the last derivation step is to assign the field a value of *NULL ERROR*. If HESA does not require a value for a field, the last derivation step is to assign the field a value of *NULL*. For example, if the system cannot derive a Course.FEQAIMC value, it sets the Course.FEQAIMC value as *NULL* because HESA does not require a value for Course.FEQAIMC for all Course entities.

We recommend that you use the Extract Data pages to review and correct all the values that are derived as NULL ERROR before submission to HESA. The "(GBR) Managing HESA Returns" chapter discusses the Extract Data pages.

In some cases, before executing the derivation steps, the system checks the Field Derivation Rule to determine whether a value should be derived. If a value is not required, the system sets the field value as *NULL*. For example, before performing the derivation steps for Course.BITTM, the system first checks whether:

- Country = Wales, Scotland, or Northern Ireland
- Course.REDUCEDC = 00, 01, or 04
- Course.TTCID = 1 or 2

The system starts performing the derivation steps for Course.BITTM only if all three conditions are met. If all three conditions are not met, the system derives the field value as *NULL*.

Note. To derive a field value, the system uses the most recent effective-dated record that falls on or before the end of the reporting period. Exceptions to this rule are noted in this chapter.

The following table lists the navigation paths for the pages mentioned throughout this chapter:

Page	Navigation
Program HESA Data	Set Up SACR, Foundation Tables, Academic Structure, Academic Program Table, Program HESA Data
Program Offering/Year HESA	Set Up SACR, Foundation Tables, Academic Structure, Academic Program Table, Program Offering/Year HESA
Plan HESA Data	Set Up SACR, Foundation Tables, Academic Structure, Academic Plan Table, Plan HESA Data
Plan Offering/Year HESA	Set Up SACR, Foundation Tables, Academic Structure, Academic Plan Table, Plan Offering/Year HESA
Sub-Plan HESA	Set Up SACR, Foundation Tables, Academic Structure, Academic SubPlan Table, Sub-Plan HESA
Sub-Plan Offering/Year HESA	Set Up SACR, Foundation Tables, Academic Structure, Academic SubPlan Table, Sub-Plan Offering/Year HESA
HESA Module Data	Curriculum Management, Course Catalog, HESA Module Details
HESA Returns	Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns Setup, HESA Returns
Student Program	Records and Enrollment, Career and Program Information, Student Program/Plan
HESA Instance	Records and Enrollment, Career and Program Information, HESA Instance Details, HESA Instance
Entry Profile	Records and Enrollment, Career and Program Information, HESA Instance Details, Entry Profile
HESA Action Reasons	Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns Setup, HESA Action Reasons

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Page	Navigation
HESA Types	Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns Setup, HESA Types
External System ID	Campus Community, Personal Information (Student), Identification (Student), External System ID
Person HESA Data	Campus Community, Personal Information, Add/Update a Person, Person HESA Data
Enter DLHE Survey (self-service)	Click the Enter Survey button on the Survey Management page (Records and Enrollment, HESA Reporting, Destination of Leavers, Survey Management). Click the Enter DLHE Survey link on the Student Center page (Self Service, Student Center).
Survey Details	Click the Details button on the Survey Management page.

For information about these pages and how to generate HESA Returns, refer to the chapter "(GBR) Managing HESA Returns."

Note. This chapter describes the delivered functionality for deriving the HESA return fields. You can use the Institution Data Capture page to determine at which level you can enter data for field derivation. Refer to the Setting Up and Entering Data for HESA Reporting section of the "(GBR) Managing HESA Returns" chapter for more information about the Institution Data Capture page.

We recommend that you review the return type specification that is available from the HESA website for field descriptions, validations, and valid field values.

See http://www.hesa.ac.uk.

Student Record Return: Institution Entity

The Create Extract Application Engine (SSR_HE_DATA) process creates a single Institution entity. The Institution entity is composed of three fields.

Indicator for HEFCE Funding Approximations (INSTAPP)

Return: Student Record

Entity: Institution

Page Used:

Page	Page Element
HESA Returns	INSTAPP

Field Derivation Rule: If the country is England or Northern Ireland, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Derive from the HESA Returns page.

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2. Derive as *NULL ERROR.*

Record Type Indicator (RECID)

Return: Student Record

Entity: Institution

Pages Used:

Page	Page Element
Reporting Periods (Records and Enrollment, HESA Reporting, HESA Returns Setup, Reporting Periods)	Record Year
Returns (Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns)	Record ID

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive as YYNNN, where *YY* is the final two digits of the Record Year (for example, 09 for 2009) and *NNN* is the 3-digit Record ID for the seeded return.
2. Derive as NULL ERROR.

For Student Return 2009/10, the Record ID must be 051 and the Record Year for the Reporting Period must be 2009. The correct Record ID and Record Year for Student Return 2009/10 are delivered with your system.

UK Provider Reference Number (UKPRN)

Return: Student Record

Entity: Institution

Page Used:

Page	Page Element
HESA Configuration	UKPRN

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive from the HESA Returns page.
2. Derive as *NULL ERROR.*

Student Record Return: Course Entity

If you select the Include Course Entities check box on the Create Extract Data page, the Create Extract process creates Course entities based on the academic plans and academic subplans of the institution that are active and have been set up as eligible for reporting to HESA on the Plan HESA Data or the Sub-Plan HESA page.

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If you select the Enable Sub-Plan Reporting check box on the HESA Returns page, the Create Extract process looks at both subplans and plans with the Report to HESA check box selected. If you did not select the Enable Sub-Plan Reporting check box on the HESA Returns page or if no subplan records are marked for reporting to HESA, then the extract process looks at only plan records for deriving the Course fields.

Note. You can specify an academic subplan, academic plan, or both on the Create Extract Data page to test the Create Extract process for a single plan or subplan. The process then uses the specified subplan or plan to create the Course entities. You must select the Enable Sub-Plan Reporting check box on the HESA Returns page if you want to specify a subplan on the Create Extract Data page.

If you have specified an academic career on the Create Extract Data page and no plan, the process includes only those plans that are related to the specified academic career either by looking at the Academic Career field on the Academic Plan Table page or by looking at the parent Academic Program settings (Academic Program field on the Academic Plan Table page and then Academic Career field on the Academic Program Table page).

If you have specified an academic career on the Create Extract Data page and no subplan, the process includes only those subplans whose parent Academic Plan is related to the Academic Career either directly (Academic Career field on the Academic Plan Table page) or by looking at the parent Academic Program settings (Academic Program field on the Academic Plan Table page, and then the Academic Career field on the Academic Program Table page).

If you have specified an academic plan on the Create Extract Data page and no subplan, the process includes only those subplans that are related to the specified plan by looking at the Academic Plan field on the Academic Sub-Plan Table page.

If you have selected the Null Errors Only check box for the Include Course Entities on the Create Extract Data page, the process selects distinct COURSEID values from the existing active Course extract data, where at least one field in the Course or Course Subject extract data has a Derived Value of *NULL ERROR*. The process then selects Course entity records for these COURSEIDs.

If you have selected the Validation Errors Only check box for the Include Course Entities, the process first deletes any Validation Error staging records where all of the COURSEID, MODID and EMPLID fields are blank. Then, it selects distinct COURSEID values from the Validation Error staging table for rows where COURSEID is not blank and EMPLID is blank. The process selects Course entity records for these COURSEIDs. Finally, it deletes records from the Validation Error staging table where COURSEID is populated and EMPLID is blank.

Bilingual ITT Marker (BITTM)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	BITTM
Plan HESA Data	BITTM
Sub-Plan HESA	BITTM

Field Derivation Rule: Derive a value only if the following conditions are met:

- Country = Wales, Scotland, or Northern Ireland

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- Course.REDUCEDC = 00, 01, or 04
- Course.TTCID = 1 or 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

Closed Course (CLSDCRS)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	CLSDCRS
Plan HESA Data	CLSDCRS
Sub-Plan HESA	CLSDCRS

Field Derivation Rule: Derive a value only if the following conditions are met:

- Country = England
- Course.REDUCEDC = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *0.*

Collaborating Organization (COLLORG)

Return: Student Record

Entity: Course

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Pages Used:

Page	Page Element
Program HESA Data	COLLORG
Plan HESA Data	COLLORG
Sub-Plan HESA	COLLORG

Field Derivation Rule: Derive a value only if the following conditions are met:

- Country = England
- Course.REDUCEDC = 00
- Course.COURSEAIM does not equal D00, D01, D90, L00, L80, L90, or L91

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

General Qualification Aim of Course (COURSEAIM)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	COURSEAIM
Plan HESA Data	COURSEAIM
Sub-Plan HESA	COURSEAIM

Field Derivation Rule: Include for all Course entities.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.

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6. Derive as *NULL ERROR.*

Course Identifier (COURSEID)

Return: Student Record

Entity: Course

Pages Used: None

Field Derivation Rule: Include for all Course entities.

Derivation Steps:

1. If the Course entity is based on a subplan, derive from the Academic Sub-Plan Table record.
2. Derive from the Academic Plan Table record.

Course Title (CTITLE)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Plan HESA Data	Course Title
Sub-Plan HESA	HESA Course Title
Academic Plan Table (Set Up SACR, Foundation Tables, Academic Structure, Academic Plan Table)	Academic Plan
Academic Sub-Plan Table (Set Up SACR, Foundation Tables, Academic Structure, Academic SubPlan Table)	Academic Subplan

Field Derivation Rule: Include for all Course entities.

Derivation Steps:

1. If the Course entity is based on a subplan, derive from the Sub-Plan HESA page.

   If the Course Title field does not have a value, use a combination of the plan and subplan descriptions from the Academic Plan Table and Academic Sub-Plan Table pages.
2. Derive from the Plan HESA Data page.

   If the Course Title field does not have a value, use the plan description from the Academic Plan Table page.

FE General Qualification Aim (FEQAIMC)

Return: Student Record

Entity: Course

Pages Used:

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Page	Page Element
Program HESA Data	FEQAIMC
Plan HESA Data	FEQAIMC
Sub-Plan HESA	FEQAIMC

Field Derivation Rule: Include for all Course entities.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL*.

Major Source of Funding (MSFUND)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	MSFUND
Plan HESA Data	MSFUND
Sub-Plan HESA	MSFUND

Field Derivation Rule: Derive a value if Course.REDUCEDC = 00, 01, 02, or 04. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR*.

NHS Bursaries (NHSBURSARY)

Return: Student Record

Entity: Course

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Pages Used:

Page	Page Element
Program HESA Data	NHSBURSARY
Plan HESA Data	NHSBURSARY
Sub-Plan HESA	NHSBURSARY

Field Derivation Rule: Derive a value if Country = Northern Ireland, England or Wales and REDUCEDC = 00

Derivation Steps:

1. Use Constant.
2. If the Course entity is based on a sub-plan, derive from the Sub-Plan HESA page.
3. Derive from Plan HESA Data.
4. Derive from Program HESA Data
5. Use default.
6. Derive as Null Error.

Reduced Course Return Indicator (REDUCEDC)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	REDUCEDC
Plan HESA Data	REDUCEDC
Sub-Plan HESA	REDUCEDC

Field Derivation Rule: Include for all Course entities.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

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Regulatory Body for Health and Social Care Students (REGBODY)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	REGBODY
Plan HESA Data	REGBODY
Sub-Plan HESA	REGBODY

Field Derivation Rule: Derive a value if the following conditions are met:

- Course.COURSEAIM = M16, M26, M76, M86, H16, H76, I16, I76, J26, or J76
- Course.REDUCEDC = 00 or 01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR*.

Subject Knowledge Enhancement Units (SKEUNITS)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	SKEUNITS
Plan HESA Data	SKEUNITS
Sub-Plan HESA	SKEUNITS

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.REDUCEDC = 07 (SKE) or Course.TTCID = F (SKE)

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Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use Constant.
2. If the Course entity is based on a sub-plan, derive from the Sub-Plan HESA page.
3. Derive from Plan HESA Data.
4. Derive from Program HESA Data
5. Use default.
6. Derive as Null Error.

Subject Knowledge Enhancement Placement (SKEOS)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	SKEOS
Plan HESA Data	SKEOS
Sub-Plan HESA	SKEOS

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.REDUCEDC = 07 (SKE) or Course.TTCID = F (SKE)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use Constant.
2. If the Course entity is based on a sub-plan, derive from the Sub-Plan HESA page.
3. Derive from Plan HESA Data.
4. Derive from Program HESA Data
5. Use default.
6. Derive as Null Error.

Teaching Qualification Sought Sector (TQSSEC)

Return: Student Record

Entity: Course

Pages Used:

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Page	Page Element
Program HESA Data	TQSSEC
Plan HESA Data	TQSSEC
Sub-Plan HESA	TQSSEC

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland or Northern Ireland
- Course.REDUCEDC = 00
- Course.TTCID = 1 or 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

Teaching Qualification Sought Subject (TQSSUB)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	TQSSUB, TQSSUB2, TQSSUB3
Plan HESA Data	TQSSUB, TQSSUB2, TQSSUB3
Sub-Plan HESA	TQSSUB, TQSSUB2, TQSSUB3

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- Course.REDUCEDC = 00
- Course.TQSSEC = 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant to create a single TQSSUB field.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.

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3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default to create a single TQSSUB field.
6. Derive a single TQSSUB field as *Null Error.*

Note. The system can derive up to three values. Each of the values is included as a separate TQSSUB field in the XML file.

Teacher Training Course (TTCID)

Return: Student Record

Entity: Course

Pages Used:

Page	Page Element
Program HESA Data	TTCID
Plan HESA Data	TTCID
Sub-Plan HESA	TTCID

Field Derivation Rule: Derive a value if one of the following conditions is met:

- Country = England, Northern Ireland or Scotland AND Course.REDUCEDC = 00, 01, 04, 06 or 07
- Country = Wales AND Course.COURSEAIM does not begin with P, Q, R, S or X AND Course.REDUCEDC = 00, 01, 04, 06 or 07

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

Student Record Return: Course Subject Entity

If you select the Include Course Entities check box on the Create Extract Data page, the Create Extract process creates Course Subject entity records for each Course entity. The process can create a maximum of three Course Subject entity records for each Course entity.

The derivation of Course Subject fields may vary depending on whether the parent Course entity is based on a subplan or plan record.

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Subject of ITT Specialism Indicator (ITTSUBJECT)

Return: Student Record

Entity: Course Subject

Pages Used:

Page	Page Element
Program HESA Data	HESA Subject ITT Subject Flag
Plan HESA Data	HESA Subject ITT Subject Flag
Sub-Plan HESA	HESA Subject ITT Subject Flag

Note. The system identifies a HESA subject as an ITT subject only if the ITT Subject Flag check box is selected for the HESA subject.

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.TTCID = 1 or 8

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
2. Derive from the Plan HESA Data page.
3. Derive from the Program HESA Data page.

Subject of Course (SBJCA)

Return: Student Record

Entity: Course Subject

Pages Used:

Page	Page Element
Program HESA Data	HESA Subject
Plan HESA Data	HESA Subject
Sub-Plan HESA	HESA Subject

Field Derivation Rule: Include for all Course Subject entities.

Derivation Steps:

1. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.

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2. Derive from the Plan HESA Data page.
3. Derive from the Program HESA Data page.

Subject Percentage (SBJPCNT)

Return: Student Record

Entity: Course Subject

Pages Used:

Page	Page Element
Program HESA Data	HESA Subject Percentage
Plan HESA Data	HESA Subject Percentage
Sub-Plan HESA	HESA Subject Percentage

Field Derivation Rule: Include for all Course Subject entities.

Derivation Steps:

1. If Course entity is based on a subplan, derive from the Sub-Plan HESA page.
2. Derive from the Plan HESA Data page.
3. Derive from the Program HESA Data page.

Student Record Return: Module Entity

If you select the Include Module Entities check box on the Create Extract Data page, the Create Extract process creates the Module entities. To create Module entities, the process uses the institution's Course Offering records that are active and have been set up as eligible for reporting to HESA. You must select the Report to HESA check box on the HESA Module Data page to make a course offering record eligible for HESA reporting.

If HESA Module Data records do not exist, the process does not include the course offerings in the Module entity. The process includes dummy modules in the module entity.

Note. When you run the Create Extract process, you can choose to enter the course ID or course offering number as a run parameter for testing purposes. The Create Extract process then uses the specified course ID or course offering number to create the Module entities.

If you have selected an academic career and no course offering on the Create Extract Data page, then the process selects only those course offerings that are related to the selected career.

If you have selected the Null Errors Only check box for the Include Module Entities on the Create Extract Data page, the Create Extract process selects distinct MODID values from the existing active Module extract data, where at least one field in the Module or Module Subject extract data has a Derived Value of *NULL ERROR*. The process then selects Module entity records for these MODIDs.

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If you have selected the Validation Errors Only check box for the Include Module Entities, the Create Extract process first deletes any Validation Error staging records where all of the COURSEID, MODID and EMPLID fields are blank. Then, it selects distinct MODID values from the Validation Error staging table for rows where MODID is not blank and EMPLID is blank. The process selects Module entity records for these MODIDs. Note that the File Parser process removes the leading zeroes from MODID, therefore, the comparison of MODID with Course ID and Course Offering Number includes the logic to correctly match the values. The system makes an assumption that the Course Offering Number is a single digit. Finally, the Create Extract process deletes records from the Validation Error staging table where MODID is populated and EMPLID is blank.

Credit Value of Module (CRDTPTS)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	CRDTPTS
Catalog Data (Curriculum Management, Course Catalog, Catalog Data)	Maximum Units, Academic Progress Units, Enrollment Unit Load Calc Type

Field Derivation Rule: Include for all Module entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Select the Course Catalog record for the Course ID. If the Enrollment Unit Load Calc Type value is *Academic Progress Units*, derive from the Academic Progress Units value. If the Enrollment Unit Load Calc Type value is any other value, derive from the Maximum Units value. Round off the fractional values to the nearest whole number. This step is not performed for dummy modules.
4. Use default.
5. Derive as *NULL ERROR.*

Credit Transfer Scheme (CRDTSCM)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	CRDTSCM

Field Derivation Rule: Include for all Module entities.

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Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Module FTE (FTE)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	FTE

Field Derivation Rule: Include for all Module entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Level of Credit Points (LEVLPTS)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	LEVLPTS

Field Derivation Rule: If Module.CRDTPTS does not equal 999, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

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Module Identifier (MODID)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	Course ID Course Offering Nbr

Field Derivation Rule: Include for all Module entities.

Derivation Steps:

1. Derive as combination of Course ID plus Course Offering Number (CRSE_ID and CRSE_OFFER_NBR column values from PS_CRSE_OFFER). For example, if Course ID = 001248 and Offering Number = 2, then MODID = 0012482.

Module Taught in a Celtic Language (MODLANG)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	MODLANG

Field Derivation Rule: If Country = Northern Ireland, Scotland, or Wales, derive a value. Otherwise, derive as NULL

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Module Title (MTITLE)

Return: Student Record

Entity: Module

Page Used:

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Page	Page Element
HESA Module Data	Short description that appears on the right of Course ID page element
HESA Dummy Module Data	Year

Field Derivation Rule: Include for all Module entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page for standard modules. If short description is unavailable on the HESA Module Data page, derive as the description of the parent Course Catalog record.

   For dummy modules, the MTITLE is derived as a combination of the Plan description, the text *Year*, and the year value of the dummy module record separated by spaces. For example, for Academic Plan = BA ENG with description BA English and Year = 2, MTITLE is derived as *BA English Year 2*.
3. Use default.
4. Derive as *NULL ERROR*.

Percentage Not Taught By This Institution (PCOLAB)

Return: Student Record

Entity: Module

Page Used:

Page	Page Element
HESA Module Data	PCOLAB

Field Derivation Rule: Include for all Module entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR*.

Other Institution Providing Teaching (TINST)

Return: Student Record

Entity: Module

Page Used:

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Page	Page Element
HESA Module Data	TINST

Field Derivation Rule: If Module.PCOLAB is greater than zero, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Student Record Return: Module Subject Entity

If you select the Include Module Entities check box on the Create Extract Data page, the Create Extract process creates a maximum of 16 Module Subject entity records for each Module entity. To create the Module Subject entity records, the process uses the subject records for each Module record. Each module subject is a combination of Cost Center and Subject. The Module HESA Data page ensures that each combination of Cost Center and Subject is unique and the total percentage equals 100.

If you have not defined subjects on the Module Subjects region of the HESA Module Data page, then the process creates a single Module Subject entity record. The process derives the values for each field within the entity using the constant or default value defined on the HESA Fields page (Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns Setup, HESA Fields). If a constant or default is not available, the process derives the value as NULL ERROR. Note that if you have defined a constant, the process does not examine any subjects defined on the HESA Module Data page (that is, the process does not execute derivation step 2 for the Module Subject fields).

Cost Centre (COSTCN)

Return: Student Record

Entity: Module Subject

Page Used:

Page	Page Element
HESA Module Data	Cost Centre

Field Derivation Rule: Include for all Module Subject entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use Default.

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4. Derive as *NULL ERROR.*

Subject of Module (MODSBJ)

Return: Student Record

Entity: Module Subject

Page Used:

Page	Page Element
HESA Module Data	Subject

Field Derivation Rule: Include for all Module Subject entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use Default.
4. Derive as *NULL ERROR.*

Subject/Cost Centre Percentage (MODSBJP)

Return: Student Record

Entity: Module Subject

Page Used:

Page	Page Element
HESA Module Data	Percentage

Field Derivation Rule: Include for all Module Subject entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use Default.
4. Derive as *NULL ERROR.*

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Student Record Return: Student Entity

The Create Extract process creates a single Student entity for each student included in the Instance entity. However, it is possible for a student to have multiple distinct Instances for a particular return. In this case, only one Student entity will be created.

The process creates the Student entities only if the Include Student Entities check box is selected on the Create Extract Data page.

The process uses each distinct HESA unique student identifier (HUSID) to create a Student entity. The process also uses the student's EMPLID to link the HUSID with the person data to derive fields within the Student entity. The process creates the Student entity after creating all the other entities because of the dependency on values derived for the Course, Instance, and Entry Profile fields.

Date of Birth (BIRTHDTE)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Biographical Details (Campus Community , Personal Information (Student), Add/Update a Person, Biographical Details)	Date of Birth

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the Biographical Details page in the format YYYY-DD-MM.
2. Derive as *NULL* with ReasonForNull = *1*.

Disability (DISABLE)

Return: Student Record

Entity: Student

Pages Used:

Page	Page Element
Person HESA Data	DISABLE
Impairment AUS (Campus Community, Personal Information, Health Information, Impairment AUS)	Type of Impairment
Disability (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Disability)	HESA Disability Code

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Bundle 27
The field derivation rule has been changed from "If the student has at least one Instance with REDUCEDI = 00, 01, 06 or 07, derive a value." to " If the student has at least one Instance with REDUCEDI = 00, 01 or 07, derive a value."

Field Derivation Rule: If the student has at least one Instance with REDUCEDI = 00, 01 or 07, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. If the student has multiple impairment records in the Impairment AUS page, derive as *08* (multiple disabilities). If the student has a single impairment record, use the HESA Disability code from the mapping between the impairment type and the HESA disability code.
3. Use default.
4. Derive as *NULL ERROR.*

You can define a default as either *00* (no known disability) or *99* (not known).

Ethnicity (ETHNIC)

Return: Student Record

Entity: Student

Pages Used:

Page	Page Element
Person HESA Data	ETHNIC
Ethnicity (Campus Community , Personal Information (Student), Biographical (Student), Personal Attributes, Ethnicity)	Regulatory Region, Ethnic Group
Ethnicity (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Ethnicity)	HESA Ethnic Code
Country Description (Set Up HRMS, Install, Country Table, Country Description) See [Integrating Campus Solutions with Human Capital Management]Integrating Campus Solutions with Human Capital Management .	2-Char Country Code

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition "Student has at least one Instance with REDUCEDI = 00, 01, 06 or 07." has been changed to "Student has at least one Instance with REDUCED = 00, 01 or 07."

- Student has at least one Instance with REDUCED = 00, 01 or 07.
- One of the following is true (a, b, or c):
  a. Student has a related Entry Profile in the extract with DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM.
  b. Student has a HESA Entry Profile record with DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM. All student records are considered, based on EMPLID, irrespective of effective date or career/instance.

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c. Student has a Residency Self-Report record where Country = GBR or the mapped 2-character country code is XF, XG, XH, XI, XK, XL, GG, JE, or IM. All student records are considered, based on EMPLID, irrespective of effective date.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Select Person Ethnicity records as follows:
   - If a single record exists, use that record.
   - If multiple records exist and one is marked as Primary on the Campus Community Ethnicity page, use that record.
   - If multiple records exist and none are marked as Primary, select the record with the highest Percentage defined in the Ethnicity Detail page.
   - If multiple records are indistinguishable, select the lowest alphabetic Ethnic Group code.
   - For the selected record, use the HESA Ethnic code from the mapping between the Ethnic Group, Regulatory Region, and the HESA Ethnic code. If no mapping exists, log an error message and skip to next step.
3. Use default.
4. Derive as *NULL ERROR.*

Forenames (FNAMES)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	First Name Middle Name

Field Derivation Rule: If a student has at least one Instance with REDUCED = 00, 01, or 04, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use the First Name and Middle Name values from the Primary Name record.
2. Derive as *NULL* with ReasonForNull = *9.*

Gender (GENDER)

Return: Student Record

Entity: Student

Page Used:

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Page	Page Element
Biographical Details (Campus Community , Personal Information (Student), Add/Update a Person, Biographical Details)	Gender

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the Gender value from the Biographical History record.

   If the gender value is Male, derive as *1*.

   If the gender value is Female, derive as *2*.

   If the gender value is unknown, derive as *9*.
2. Use default.
3. Derive as *NULL ERROR*.

HESA Unique Student Identifier (HUSID)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Step:

1. Select External System ID records for the person with the External ID Type defined for HUSID in the HESA Types page.

Validate that the derived value is in the correct format (refer to the Notes section for HUSID available on the HESA website). If the value is invalid, log an error message.

Nationality (NATION)

Return: Student Record

Entity: Student

Pages Used:

Page	Page Element
Person HESA Data	NATION

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Page	Page Element
Citizenship and Passport (Campus Community , Personal Information (Student), Identification (Student), Citizenship, Citizenship and Passport)	Country
Nationality (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Nationality)	HESA Nationality Code

Field Derivation Rule: Derive a value if Country = England, Scotland or Wales. Otherwise, derive as NULL.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Select person citizenship records and retrieve the related two-character code (COUNTRY_2CHAR) from the Country table (PS_COUNTRY_TBL). If a mapping exists in the HESA Nationality Code page for the Campus Solutions Country code, use the mapped HESA value else use the COUNTRY_2CHAR value.

   If a single record exists, derive the Campus Solutions country code or HESA country code.
3. If multiple person citizenship records are found and a record has a value of *GB*, derive as *GB*.
4. If multiple records are found, and none have the *GB* country value but a minimum one record has a country value that is marked as European Union (EU) country then derive the EU country. If there are multiple EU countries report the one with the lowest alphabetic HESA code. Note that the PS_COUNTRY_TBL contains an indicator (EU_MEMBER_STATE) to specify if the country is a member of the EU.
5. If multiple records are found and none have the UK or EU value, select the lowest alphabetic code
6. Use default.
7. If the student has at least one Instance with REDUCEDI = *00* or *03* and COMDATE on or after 2007-08-01, derive as *NULL ERROR* else derive as *NULL*.

In most cases, you can use the Campus Solutions two-character country code to report the NATION value. However, some Campus Solutions country codes are not valid for HESA reporting. For example, the Campus Solutions Cyprus code (CY) cannot be reported. Cyprus has to be reported as *XA*, *XB*, or *XC*. In these cases, you must use the Nationality code mapping page to ensure the correct NATION values are reported to HESA.

National Identity (NATIOND)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Person HESA Data	NATIOND

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition “Student has at least one Instance with REDUCEDI = 00 or 02” has been changed to “Student has at least one Instance with REDUCEDI = 00”

- Country = Wales
- Student has at least one Instance with REDUCEDI = 00

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- One of the following is true (a, b, or c):
  a. Student has a related EntryProfile in the extract with DOMICILE = XI (Wales)
  b. Student has any HESA Entry Profile record with DOMICILE = XI. Consider all records for the student (based on EMPLID), irrespective of effective date or career/instance.
  c. Student has any Residency Self-Report record where country = GBR and the combination of Country and State is mapped to a HESA Country Code = XI in the UCAS Area of Permanent Residence page. Consider all records for the student (based on EMPLID), irrespective of effective date.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Use default
3. Derive as *NULL ERROR.*

Institution's Own Identifier for Student (OWNSTU)

Return: Student Record

Entity: Student

Pages Used: None

Field Derivation Rule: Include for all Student entities.

Derivation Step:

1. Derive as EMPLID.

Note. Although the OWNSTU field is optional for HESA reporting, the system derives this field value for all students to assist with record identification.

Scottish Candidate Number (SCN)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Derive a value if the following conditions are met:

- Student has an Instance related to a Course entity that has Course.COURSEAIM beginning with H, I, J, C, P, Q, R, or S
- Either EntryProfile.UCASAPPID exists or Country = Scotland

  EntryProfile.UCASAPPID exists if one of the following is found:

  - Student has an Entry Profile in the extract with EntryProfile.UCASAPPID not null

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  - Student has a HESA Entry Profile record with EntryProfile.UCASAPPID not null
  - A non-null External Application Number exists in the Campus Solutions admission application record and this record is related to the student program record for an Instance being reported for the student.
- One of the following is true (a, b, or c):
  a. Student has a related EntryProfile in the extract with EntryProfile.DOMICILE = XH (Scotland).
  b. Student has any HESA Entry Profile record with EntryProfile.DOMICILE = XH. Consider all records for the student (based on EMPLID) irrespective of effective date or career/instance.
  c. Student has any Residency Self-Report record where the country = XH. Or the student has any Residency Self-Report record where the country = GBR and the combination of Country and State is mapped to a HESA Country Code = XH in the UCAS Area of Permanent Residence page. Consider all records for the student (based on EMPLID) irrespective of effective date.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for SCN in the HESA Types page. Value should not be *999999999.*
2. Derive as *NULL* with ReasonForNull = *1*.

Dependants in Reporting Year (SDEPEND)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Person HESA Data	SDEPEND

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- Student has at least one Instance with REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Use default.
3. Derive as *NULL ERROR.*

Family Name on 16th Birthday (SNAME16)

Return: Student Record

Entity: Student

Page Used:

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Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Last Name

Note. The Last Name page element can accept a maximum of thirty characters.

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the Last Name value from the Primary Name record. The last name must have a Type of Name value that corresponds with the Name Type set for SNAME16 in the HESA Types page.
2. Derive as *NULL*.

Family Name (SURNAME)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Last Name

Note. The Last Name page element can accept a maximum of thirty characters.

Field Derivation Rule: If the student has at least one Instance with REDUCEDI = 00, 01, or 04 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use the Last Name value from the Primary Name record.
2. Derive as *NULL ERROR*.

Term-time Accommodation (TTACCOM)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Person HESA Data	TTACCOM

Field Derivation Rule: Derive a value if the following conditions are met:

- The student has at least one Instance with REDUCEDI = 00

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- LOCSDY does not equal S
- MODE = 01, 02, 23, 24, or 25

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Use default
3. Derive as *NULL ERROR.*

Term-time Postcode (TTPCODE)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Person HESA Data	TTPCODE
Addresses (Campus Community, Personal Information (Student), Biographical (Student), Addresses/Phones, Addresses)	Postal

Field Derivation Rule: Derive a value if one of the following conditions is met:
Bundle 27
In these two conditions "at least one Instance with Instance.REDUCEDI = 00, 06 or 07," has been changed to "at least one Instance with Instance.REDUCEDI = 00 or 07,".

- Country = England, Northern Ireland, or Scotland, the student has at least one Instance with Instance.REDUCEDI = 00 or 07, AND Instance.LOCSDY is null or does not equal 6, 9 D, F or S.
- Country = Wales, the student has at least one Instance with Instance.REDUCEDI = 00 or 07, Instance.LOCSDY does not equal 6, 9, D, F or S, AND Course.COURSEAIM does not begin with P, Q, R, S or X.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Select the most recent address record (exclude records with an effective date greater than the end date of the reporting period) that has a country code of GBR. The record must have an Address Type that corresponds with the Address Type set for TTPCODE in the HESA Types page.
3. Use default.
4. Derive as *NULL* with ReasonForNull = *1*.

For steps 1 and 2, the system validates that the derived post code value is in the correct format (refer to the examples for TTPCODE available on the HESA website).

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UCAS Personal Identifier (UCASPERID)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Derive a value if the following conditions are met:

- The student has an Instance with Instance.COMDATE after 2007-07-31 and
- Either EntryProfile.UCASAPPID value exists on the Entry Profile page (any effective-dated row) or the External Application Number associated with the Instance begins *UC*. Use the Student Program record of the instance to find the admission application number (ADM_APPL_NBR). Use this admission application number to find the Admissions Data record (PS_ADM_APPL_DATA). Then, from the Application Data page for this record, find the External Application Number. The External Application Number holds the UCAS Application Code plus Choice Number for a UCAS application.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for UCASPERID in the HESA Types page.
2. Derive as *NULL ERROR*.

Unique Learner Number (ULN)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.
Bundle 27
Second step has been added to derive NULL ERROR when the ULN value is missing for FE students.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for ULN in the HESA Types page.

   Validate the derived value using the checksum method. For information on the checksum method, refer to the Notes section for the ULN field available on the HESA website.
2. If there is any instance for the student with Instance.FESTUMK = 1 or 3, derive as *NULL ERROR*.
3. Derive as *NULL*.

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Welsh Speaker Indicator (WELSSP)

Return: Student Record

Entity: Student

Page Used:

Page	Page Element
Person HESA Data	WELSSP

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition "The student has an Instance with REDUCEDI = 00 or 02" has been changed to "The student has an Instance with REDUCEDI = 00".

- Country = Wales
- The student has an Instance with REDUCEDI = 00
- One of the following is true (a, b, or c):
- (a) The student has a related EntryProfile in the extract with DOMICILE = XI
- (b) The student has any HESA Entry Profile record with DOMICILE = XI. This includes consideration of all records for the student (based on EMPLID) irrespective of effective date or career/instance.
- (c) The student has any Residency Self-Report record where the country = GBR and the combination of Country and State is mapped to a HESA Country Code = XI in the UCAS Area of Permanent Residence page. This includes consideration of all records for the student (based on EMPLID) irrespective of effective date.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Person HESA Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Student Record Return: Instance Entity

If you select the Include Student Entities check box on the Create Extract Data page, the Create Extract process creates Instance entities based on distinct student careers and the related HESA Instance.

The process includes a student career as an Instance entity if the following three conditions are met:

- The process has included the plan (or the subplan if the subplan rather than the plan is being reported) of the student program record as a Course entity in the extract. Note that if the student has multiple active plans the process considers the plan defined in the HESA Instance record.
- A related HESA Instance record exists for the career and academic institution with the Report To HESA check box selected.

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- The student must be a *continuing student* (that is, the derived commencement date is prior to the start of the reporting period) or a *new student* (that is, the derived commencement date falls on or after the start of the reporting period).

If the student is a *continuing student*, then one of the following conditions must be satisfied:

- The student is in the HIN Population. That is, a HIN Population Year value exists in the HESA Instance record that matches the Reporting Period Year.
- You have not selected the HIN Population Only check box and the student has not left or completed prior to the reporting period. To determine whether the student has not left or completed prior to the reporting period, the process first selects the Student Program record that has an effective date nearest to the Reporting Period Start Date. Then, it checks whether the selected record has a Program Status that matches one of the eligible Program Statuses defined for the return on the HESA Returns page.

Note. If you have selected the check box, for each student career, the process only evaluates whether the first condition is met (that is, student is in the HIN population) and does not evaluate the second condition (that is, the student has not left or completed prior to the reporting period). In other words, if you select the check box and if the first condition is not met, the student career is not included.

If the student is a *new student*, then one of the following conditions must be satisfied:

- The student is in the HIN Population.
- The student has been term activated for at least one term that begins within the reporting period and the student has at least one enrolled class related to that term.
- The student has an FTE of greater than zero for the reporting period.

Note. The HIN Population Year value in the HESA Instance record may not exist for new students. Therefore, the process does not consider the HIN Population Only check box for selection of new students. It includes a new student based on either the class enrollment condition or the FTE condition, if the student is not in the HIN population.

The Create Extract process uses the following fields set up on the HESA Instance page for a student career:

- Academic Plan: Indicates the plan to report if the student has multiple active plans.
- Linked Career and Linked Career Number: Indicates that the student instance is associated with another instance.
- Report To HESA: If the check box is cleared, the process does not include the instance data.
- Start Date of Instance: The system calculates a value but you can use this field to override the calculated value.
- HIN Population Year: Indicates the reporting year for which the system should include the Instance in the return. You must manually enter the HIN Population Year on the HESA Instance page or import the values using the Import HIN Target List process.
- Year of Course: Indicates the year of course the student is undertaking for reporting in Instance.YEARPRG. You must update this value for each subsequent reporting period when the student has progressed to the next year of the program.
- Year of Student: Indicates the number of years the student has been undertaking the program for reporting in Instance.YEARSTU. You must update this value for each subsequent reporting period when the student has progressed to the next year of the program.

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The system does not automatically calculate the Year of Course and Year of Student values on the HESA Instance page. You must use the HESA Instance page to manually enter the Year of Course and Year of Student values.

The Create Extract process derives the fields relevant to further education (FE) students only if the Include FE check box is selected on the HESA Returns page. Although you can include or exclude individual FE fields using the derived value for FESTUMK, the Include FE check box enables you to skip derivation of FE fields completely.

While creating Instance entities, the process checks if the student's External System ID records has a HUSID. If no records are found, the process creates a HUSID External System ID for the student with an Effective Date of the reporting period start date.

If you have selected the Null Errors Only check box for the Include Student Entities on the Create Extract Data page, the Create Extract process selects distinct EMPLIDs from the existing active extract data, where at least one field in the Instance, EntryProfile, QualificationsOnEntry, QualificationsAwarded, RAEData, StudentOnModule or Student extract data has a derived value of *NULL ERROR*. The process then selects all the Instance entity records for these EMPLIDs (if an EMPLID has multiple instances and if at least one instance has a *NULL ERROR*, then all the instances are selected).

If you have selected the Validation Errors Only check box for the Include Student Entities, the Create Extract process first deletes any Validation Error staging records where all of the COURSEID, MODID and EMPLID fields are blank. Then, it selects distinct EMPLIDs from the Validation Error staging table where the EMPLID is not blank. The process selects Instance entity records for these EMPLIDs. Finally, the process deletes records from the Validation Error staging table where EMPLID is populated.

Additional Support Cost (ADDSUPCT)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	ADDSUPCT

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR*.

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Foundation Degree to Degree Bridging Course (BRIDGE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	BRIDGE
Plan HESA Data	BRIDGE
Sub-Plan HESA	BRIDGE

Field Derivation Rule: Derive a value if one of the following conditions is met:

- Country = England, Northern Ireland, or Scotland AND Instance.REDUCEDI = 00.
- Country = Wales, REDUCEDI = 00, AND COURSEAIM does not begin with P, Q, R, S or X.

Derivation Steps:

1. Use constant.
2. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as *NULL ERROR.*

Campus Identifier (CAMPID)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Campus
Campus (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Campus)	HESA Campus

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. Use constant.
2. Use the mapping to derive the HESA Campus code for the Campus value entered in the Student Program page.
3. Use default.
4. Derive as *NULL ERROR.*

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Completion Status (CSTAT)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	CSTAT

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:
Bundle 27
The condition “Instance.REDUCEDI = 00, 01, or 02” has been changed to “Instance.REDUCEDI = 00 or 01”

- Country = England or Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00 or 01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR*.

Start Date of Instance (COMDATE)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	Start Date of Instance Effective Date

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. Derive as the Start Date of Instance from the HESA Instance page.
2. Use the following process to calculate the earliest class start date for enrolled classes related to the Instance being reported. This selection is similar to that done for StudentOnModule except that it is not restricted to classes overlapping the reporting period and considers enrollments for linked careers.

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a. Select all activated terms for the student career of the Instance.

b. From each activated term, select classes that satisfy the following conditions:

– Status = *Enrolled*

– Units Taken value is greater than zero.

– Grading basis value matches one of the values defined in the Grading Basis Inclusion region with the Extract check box selected on the HESA Configuration page.

– Repeat Code value is null or does not match a value defined in the Repeat Code Exclusion region with the Extract check box selected on the HESA Configuration page.

– If the student has multiple careers with the same Academic Career value as the career being processed (that is, the same career value with different career numbers), then apply a further filter to the class enrollments. In such a case, select the class only if the program value of the enrollment record is NULL or matches one of the program values in the Student Program records for that career and career number.

c. If the Instance has been linked to a prior student career using the Linked Career and Linked Career Number fields in the HESA Instance record, then also consider classes for the previous career.

d. Derive the earliest Class Start Date from all the selected classes as COMDATE.

3. The earliest Effective Date of the HESA Instance records.

For steps 2 and 3, the system stores the derived date as the Start Date of Instance value in the HESA Instance record.

Course Identifier (COURSEID)

Return: Student Record

Entity: Instance

Pages Used: None

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. If the student's subplan is reported in the Course extract, derive from the student's subplan.
2. Derive from the student's plan.

Destination (DESTIN)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	DESTIN

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

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Bundle 27
The condition “Instance.REDUCEDI = 00, 01, or 02” has been changed to “Instance.REDUCEDI = 00 or 01”

- Country = Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00 or 01
- Course.COURSEAIM begins with P, Q, R, S or X.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Destination of Outward Credit Mobile Students (DESTOCM)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program Offering/Year HESA	DESTOCM, DESTOCM2, DESTOCM3 (Program Year HESA Data group box)
Plan Offering/Year HESA	DESTOCM, DESTOCM2, DESTOCM3 (Plan Year HESA Data group box)
Sub-Plan Offering/Year HESA	DESTOCM, DESTOCM2, DESTOCM3 (Sub-Plan Year Data group box)
HESA Instance	DESTOCM, DESTOCM2, DESTOCM3

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England, Wales, or Northern Ireland
- Instance.REDUCEDI = 00
- (Instance.EXCHANGE = 7, B, C, D, or E) or (Instance.LOCSDY = F, G or S)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant to create a single DESTOCM field.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.

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4. Derive from the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
5. Derive from the Program Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
6. Use default to create a single DESTOCM field.
7. Derive a single DESTOCM field as *NULL ERROR.*

Note. The system can derive up to three values. Each of the values is included as a separate DESTOCM field in the XML file.

Department of Health Funding Body (DHFUND)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	DHFUND
Plan HESA Data	DHFUND
Sub-Plan HESA	DHFUND
HESA Instance	DHFUND

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Instance.REDUCEDI = 00 or 01
- Related Course.MSFUND = 31

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Regulatory Body Reference Number (DHREGREF)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
External System ID	External System ID

Field Derivation Rule: Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00 or 01
- Related Course.REGBODY = 06 or 07
- Related Course.COURSEAIM = M16, M26, M76, M86, H16, H76, I16, I76, J26, or J76

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for DHREGREF in the HESA Types page.
2. Use default.
3. Derive as *NULL ERROR.*

You can define a default of *99999999* for this field.

Disabled Student Allowance (DISALL)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	DISALL
Impairment AUS (Campus Community, Personal Information, Health Information, Impairment AUS)	Support Services Request
Disability (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Disability)	HESA Disability Allowance

Field Derivation Rule: Derive a value if one of the following conditions is met:

- Country = England, Northern Ireland, or Scotland, Instance.REDUCEDI = 00 AND Student.DISABLE = 02 to 96 inclusive.
- Country = Wales, Instance.REDUCEDI = 00, Student.DISABLE = 02 to 96 inclusive, AND Course.COURSEAIM does not begin with P, Q, R, S or X.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If the student has a Support Services Request value defined on the Impairment AUS page, use the mapped HESA Disability Allowance code from the Disability page.
4. Use default.

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5. Derive as *NULL ERROR.*

Note. The system derives Student.DISABLE before creating the Student entity in order to derive the Student.DISALL field.

Disadvantage Uplift Factor (DISUPFAC)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
HESA Instance	DISUPFAC

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Eligibility for Disadvantaged Uplift (ELIDISUP)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	ELIDISUP

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

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Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Eligibility for Enhanced Funding (ELIGENFD)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	ELIGENFD

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Employer Role (EMPROLE)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	EMPROLE

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

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Bundle 27
The condition “Instance.REDUCEDI = 00 or 02” has been changed to “Instance.REDUCEDI = 00”

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

End Date of Instance (ENDDATE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason Effective Date
HESA Action Reasons	Reason for Ending Instance Mapping

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. If the most recent effective dated Student Program record has Program Action/Reason values mapped to a HESA Reason for Ending Instance code on the HESA Action Reasons page, then derive the effective date of the record formatted to YYYY-MM-DD.
2. Derive as *NULL* with ReasonForNull attribute = *9.*

Exchange Programmes (EXCHANGE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	EXCHANGE
Program Offering/Year HESA	EXCHANGE (Program Year HESA Data group box)

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Page	Page Element
Plan HESA Data	EXCHANGE
Plan Offering/Year HESA	EXCHANGE (Plan Year HESA Data group box)
Sub-Plan HESA	EXCHANGE
Sub-Plan Offering/Year HESA	EXCHANGE (Sub-Plan Year HESA Data group box)
HESA Instance	EXCHANGE

Field Derivation Rule: Derive a value if one of the following conditions is met:

- Country = England, Northern Ireland, or Scotland AND Instance.REDUCEDI = 00 or 03.
- Country = Wales, REDUCEDI = 00 or 03 AND Course.COURSEAIM does not begin with P, Q, R, S or X.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

Fee Eligibility (FEEELIG)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Residency Official 1 (Campus Community, Personal Information (Student), Identification (Student), Residency Data, Residency Official 1)	Residency
Program HESA Data	FEEELIG
Program Offering/Year HESA	FEEELIG (Program Offering HESA Data group box)
Plan HESA Data	FEEELIG
Plan Offering/Year HESA	FEEELIG (Plan Offering HESA Data group box)
Sub-Plan HESA	FEEELIG
Sub-Plan Offering/Year HESA	FEEELIG (Sub-Plan Offering HESA Data group box)

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Page	Page Element
HESA Instance	FEEELIG
Fee Eligibility (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Fee Eligibility)	HESA Fee Eligibility

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Select the residency records for the EMPLID, institution, and academic career combination for the most recent effective term that starts on or before the end of the reporting period. Use the HESA Fee Eligibility code mapped to the selected residency value. If the mapping does not exist, log an error message and skip to the next step.
3. Derive from the HESA Instance page.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
5. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
6. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
7. Derive from the Plan HESA Data page.
8. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
9. Derive from the Program HESA Data page.
10. Use default.
11. Derive as *NULL ERROR.*

FE Student Marker (FESTUMK)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FESTUMK
Plan HESA Data	FESTUMK
Sub-Plan HESA	FESTUMK
HESA Instance	FESTUMK
HESA Returns	Include FE

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition “Instance.REDUCEDI is not 06 or 07” has been changed to “Instance.REDUCEDI is not 07”

- Country = England or Wales

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- Instance.REDUCEDI is not 07

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive as *2* if Include FE check box is not selected on the HESA Returns page.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Franchise Partner (FRANPART)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FRANPART
Plan HESA Data	FRANPART
Sub-Plan HESA	FRANPART
HESA Instance	FRANPART

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:
Bundle 27
The condition “Instance.REDUCEDI = 00 or 02” has been changed to “Instance.REDUCEDI = 00”

- Country = Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.

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7. Derive as *NULL ERROR.*

Franchised Out Arrangements (FROUTARR)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FROUTARR
Plan HESA Data	FROUTARR
Sub-Plan HESA	FROUTARR
HESA Instance	FROUTARR

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

FTE Method (FTEMETHOD)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FTEMETHOD
Program Offering/Year HESA	FTEMETHOD (Program Offering HESA Data group box)
Plan HESA Data	FTEMETHOD
Plan Offering/Year HESA	FTEMETHOD (Plan Offering HESA Data group box)

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Page	Page Element
Sub-Plan HESA	FTEMETHOD
Sub-Plan Offering/Year HESA	FTEMETHOD (Sub-Plan Offering HESA Data group box)
HESA Instance	FTEMETHOD

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- Instance.REDUCEDI = 00, 01, or 03

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

Fundability Code (FUNDCODE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FUNDCODE
Plan HESA Data	FUNDCODE
Sub-Plan HESA	FUNDCODE
HESA Instance	FUNDCODE

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.

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3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Completion of Year of Instance (FUNDCOMP)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	FUNDCOMP

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England, Wales, or Northern Ireland
- Instance.REDUCEDI = 00 or 01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Level Applicable to Funding Council HESES (FUNDLEV)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	FUNDLEV
Program Offering/Year HESA	FUNDLEV (Program Year HESA Data group box)
Plan HESA Data	FUNDLEV
Plan Offering/Year HESA	FUNDLEV (Plan Year HESA Data group box)
Sub-Plan HESA	FUNDLEV
Sub-Plan Offering/Year HESA	FUNDLEV (Sub-Plan Year HESA Data group box)
HESA Instance	FUNDLEV

Field Derivation Rule: Derive a value if the following conditions are met:

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- Country = England or Northern Ireland
- Instance.REDUCEDI = 00 or 01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

Guided Learning Hours (GLHRS)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	GLHRS
Program Offering/Year HESA	GLHRS (Program Offering HESA Data group box)
Plan HESA Data	GLHRS
Plan Offering/Year HESA	GLHRS (Plan Offering HESA Data group box)
Sub-Plan HESA	GLHRS
Sub-Plan Offering/Year HESA	GLHRS (Sub-Plan Offering HESA Data group box)
HESA Instance	GLHRS

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:
Bundle 27
The condition “Instance.REDUCEDI = 00 or 02” has been changed to “Instance.REDUCEDI = 00”

- Country = England or Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

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Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

Government Initiatives (GOVINIT)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	GOVINIT
Plan HESA Data	GOVINIT
Sub-Plan HESA	GOVINIT
HESA Instance	GOVINIT

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.

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6. Use default.
7. Derive as *NULL ERROR.*

Implied Rate of Council Partial Funding (IMPRATE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	IMPRATE
Program Offering/Year HESA	IMPRATE (Program Offering HESA Data group box)
Plan HESA Data	IMPRATE
Plan Offering/Year HESA	IMPRATE (Plan Offering HESA Data group box)
Sub-Plan HESA	IMPRATE
Sub-Plan Offering/Year HESA	IMPRATE (Sub-Plan Offering HESA Data group box)
HESA Instance	IMPRATE

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00
- Related Course.MSFUND = 86, 87, 88, AA, AB, AC, or AD

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

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Institution's Own Campus Identifier (INSTCAMP)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Campus
Campus (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Campus)	HESA Campus

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. Use constant.
2. Use the mapping to derive the HESA Campus code for the Campus value entered in the Student Program page.
3. Use default.
4. If Country = Wales and Course.COURSEAIM = X41, X42, X43, X44, X45 or X46 then derive as NULL ERROR.
5. Derive as *NULL*.

Initiatives (INITIATIVES)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	INITIATIVES, INITIATIVES2
Plan HESA Data	INITIATIVES, INITIATIVES2
Sub-Plan HESA	INITIATIVES, INITIATIVES2
HESA Instance	INITIATIVES, INITIATIVES2

Bundle 27
The derivation rule has been changed from "Derive a value if Country = England" to "Derive a value if Country = England or Wales"

Field Derivation Rule: Derive a value if Country = England or Wales.

Derive as NULL if the condition is not met.

Derivation Steps:

1. Derive from the HESA Instance page.
2. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.

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3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Derive as *NULL*.

ITT Phase/Scope (ITTPHSC)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	ITTPHSC
Plan HESA Data	ITTPHSC
Sub-Plan HESA	ITTPHSC
HESA Instance	ITTPHSC

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Wales
- Related Course.TTCID = 1, 2, 8, E or F
- Related Course.REDUCEDC = 00, 01, or 04, 06 or 07

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR*.

ITT Schemes (ITTSCHMS)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	ITTSCHMS
Plan HESA Data	ITTSCHMS

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Page	Page Element
Sub-Plan HESA	ITTSCHMS
HESA Instance	ITTSCHMS

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Wales
- Instance.REDUCEDI = 00, 01, or 04
- Related Course.TTCID = 1 or 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Learning Difficulty (LEARNDIF)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	LEARNDIF

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

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FTE in Year A (LOADYRA)

Return: Student Record

Entity: Instance

Pages Used: None

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Northern Ireland
- Instance.INSTAPP = 1
- Instance.TYPEYR = 2, 3, 4, or 5
- Course.COURSEAIM does not begin D, L, P, Q, R, S or X

Derive as NULL if the conditions are not met.

Derivation Step:

Note. For this release, this field is derived as *Null Error* .

FTE in Year B (LOADYRB)

Return: Student Record

Entity: Instance

Pages Used: None

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Northern Ireland
- Instance.INSTAPP = 1
- Instance.TYPEYR = 2, 3, 4, or 5
- Course.COURSEAIM does not begin D, L, P, Q, R, S or X

Derive as NULL if the conditions are not met.

Derivation Step:

Note. For this release, this field is derived as *Null Error* .

Location of Study (LOCSDY)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	LOCSDY
Program Offering/Year HESA	LOCSDY (Program Year HESA Data group box)
Plan HESA Data	LOCSDY

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Page	Page Element
Plan Offering/Year HESA	LOCSDY (Plan Year HESA Data group box)
Sub-Plan HESA	LOCSDY
Sub-Plan Offering/Year HESA	LOCSDY (Sub-Plan Year HESA Data group box)
HESA Instance	LOCSDY

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

Change of Mode Date (MCDATE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason
HESA Instance	MCDATE
HESA Action Reasons	HESA Mode Direction (Change of Mode Mapping group box)

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition “Instance.REDUCEDI = 00” has been changed to “Instance.REDUCEDI = 00 or 04”
The condition “Instance.MODE is not 63 or 64” has been removed.

- Country = England or Northern Ireland
- Instance.REDUCEDI = 00 or 04

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- Related Course.COURSEAIM begins with D, E, L, or M (excluding M22 and M26)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If MODE derivation step = 1 (that is derived from HESA Instance page), then derive MCDATE from HESA Instance page.
2. If MODE derivation step = 2 and the most recent record was selected to derive MODE, select any other earlier change of mode from the Student Program records where effective end date is within the reporting period.

   For each record, determine from the Mode Direction mapping whether the MODE changed from Active to Inactive or vice versa.

   If any one of the following three conditions is met, derive MCDATE as the effective date of the record that was used to derive MODE, formatted to YYYY-MM-DD:

   - The earliest Mode Direction From = *Active* and the latest Mode Direction To = *Inactive.*
   - The earliest Mode Direction From = *Inactive* and the latest Mode Direction To = *Active.*
   - The earliest Mode Direction From = *Inactive,* the latest Mode Direction To = *Inactive,* and a minimum of one of the selected records for the reporting period has a Mode Direction To = Active (that is, student was active at some point).
3. Derive as *NULL* with ReasonForNull = *9.*

Mode of Study (MODE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program Offering/Year HESA	MODE (Program Year HESA Data group box)
Plan Offering/Year HESA	MODE (Plan Year HESA Data group box)
Sub-Plan Offering/Year HESA	MODE (Sub-Plan Year Data group box)
Student Program	Program Action Action Reason
Student Program	Acad Load
HESA Instance	MODE
Mode of Study (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Mode of Study)	HESA Mode of Study
HESA Action Reasons	Change of Mode Mapping
Term/Session Table (Set up SACR, Foundation Table, Term Setup, Term/Session Table)	Term
Enrollment Limit (Records and Enrollment, Student Term Information, Term Activate a Student, Enrollment Limit)	Approved Academic Load

Field Derivation Rule: Include for all Instance entities.

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Derivation Steps:

1. Derive from the HESA Instance page.
2. Select the Student Program record that has Program Action/Reason values mapped to a HESA Mode in the HESA Action Reasons page. Derive the mapped HESA mode value. If the derived value is *73* or *74* and the effective date of the record is prior to the reporting period start date, convert *73* to *63* and *74* to *64*.
3. If Instance.COURSEID is based on a subplan, and the MODE value from the Sub-Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance equals *23, 24,* or *25* (sandwich placement year), then derive the Sub-Plan Offering/Year HESA MODE value.
4. If the MODE value from the Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance equals *23, 24,* or *25,* then derive the Plan Offering/Year HESA MODE value.
5. If the MODE Value from the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance equals *23, 24,* or *25,* then derive the Program Offering/Year HESA MODE value.
6. Select the most recent activated student term record that overlaps the reporting period. That is, the process selects the record with the latest term begin date from terms where the term begin date or the term end date falls within the reporting period. Select the approved academic load from the most recent term record and use the mapping on the Mode of Study page to retrieve the corresponding HESA mode for the selected academic load.
7. Select the academic load from the Student Program record. Derive the mapped HESA code for the selected academic load from the Mode of Study page.
8. Derive as *NULL ERROR.*

Major Source of Tuition Fees (MSTUFEE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	MSTUFEE
Program Offering/Year HESA	MSTUFEE (Program Offering HESA Data group box)
Plan HESA Data	MSTUFEE
Plan Offering/Year HESA	MSTUFEE (Plan Offering HESA Data group box)
Sub-Plan HESA	MSTUFEE
Sub-Plan Offering/Year HESA	MSTUFEE (Sub-Plan Offering HESA Data group box)
HESA Instance	MSTUFEE

Bundle 27
The field derivation rule “If Instance.REDUCEDI = 00, 01 or 02 derive a value.” has been changed to “ If Instance.REDUCEDI = 00 or 01 derive a value.”

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01 derive a value. Otherwise, derive as NULL.

Derivation Steps:

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1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR.*

NHS Employer (NHSEMP)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	NHSEMP
Plan HESA Data	NHSEMP
Sub-Plan HESA	NHSEMP
HESA Instance	NHSEMP

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Instance.REDUCEDI = 00 or 01
- Related Course.COURSEAIM = M76, H76, I76, or J76

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

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Reason for Partial and Full Non-payment of Tuition (NONPAY)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	NONPAY

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00
- Course.MSFUND does not equal 91

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Suspension of Active Studies (NOTACT)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason
HESA Instance	NOTACT
HESA Action Reasons	Suspension of Active Studies Mapping

Field Derivation Rule: If Instance.RSNEND and Instance.ENDDATE are NULL derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Derive from the HESA Instance page.

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2. If the most recent effective dated Student Program record has Program Action/Reason values mapped to the a HESA Suspension of Studies code on the HESA Action Reasons page, then derive the mapped HESA code value.
3. Derive as *NULL*.

Note. For correct derivation, ensure that if you have mapped a Program Action/Reason to a MODE of *73* or *74*, map the same Program Action/Reason to a NOTACT value of *1* on the HESA Action Reasons page.

Number of Units to Achieve Full Qualification (NOUNTACH)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	NOUNTACH
Plan HESA Data	NOUNTACH
Sub-Plan HESA	NOUNTACH
HESA Instance	NOUNTACH

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England or Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR*.

Student Instance Identifier (NUMHUS)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
HESA Instance	Instance Identifier Linked Career Linked Career Number Academic Career Student Career Nbr

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. Derive from HESA Instance page as Instance Identifier.
2. Derive from HESA Instance page as Linked Career and Linked Career Number.
3. Derive from HESA Instance page as Academic Career and Student Career Nbr, for example, UGRD1.

Number of Units Completed (NUMUNITS)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	NUMUNITS

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England or Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as *NULL ERROR.*

Institution's Own Instance Identifier (OWNINST)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
HESA Instance	OWNINST

Field Derivation Rule: Include for all Instance entities.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as *NULL*.

PhD Submission Date (PHDSUB)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason
HESA Instance	PHDSUB
HESA Action Reasons	Phd Submission Action Reason Mapping

Field Derivation Rule: Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM = D00 or D01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Select the earliest Student Program record (exclude records with an effective date greater than the end date of the reporting period) that has Program Action/Reason values mapped in the Phd Submission Action Reason Mapping group box. Derive as the effective date of the record formatted to YYYY-MM-DD.
3. Derive as *NULL* with ReasonForNull = *9*.

Good Standing Marker (PROGRESS)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
HESA Instance	PROGRESS

Field Derivation Rule: Derive only if the Include FE check box is selected.

Derive a value if the following conditions are met:
Bundle 27
The condition “Country = England or Wales” has been changed to “Country = Wales”
The condition “Instance.REDUCEDI = 00 or 02” has been changed to “Instance.REDUCEDI = 00”

- Country = Wales
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Qualified Teacher Status (QTS)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	QTS
Plan HESA Data	QTS
Sub-Plan HESA	QTS
HESA Instance	QTS

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Northern Ireland
- Instance.REDUCEDI = 00, 01, or 04
- Related Course.TTCID = 5

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.

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4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Research Council Student Identifier (RCSTDID)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00 or 04
- Instance. RCSTDNT is not 99

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for RCSTDID in the HESA Types page.
2. Derive as *NULL.*

Research Council Student (RCSTDNT)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	RCSTDNT
Plan HESA Data	RCSTDNT
Sub-Plan HESA	RCSTDNT
HESA Instance	RCSTDNT

Field Derivation Rule: Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM begins D, E, L, or M (except M22 and M26)

Derive as NULL if the conditions are not met.

Derivation Steps:

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1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as *NULL ERROR.*

Amount of Tuition Fees Received/Expected for the Student (RECFEE)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	RECFEE

Field Derivation Rule: Derive a value only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = England
- Instance.FESTUMK = 1, 3, or 4
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Reduced Instance Return Indicator (REDUCEDI)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	REDUCEDI

Field Derivation Rule: Include for all Instance entities.

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Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Country = England, Scotland, or Northern Ireland and Instance.STULOAD is *10.0* or less, derive as *01*.
   Bundle 27
   The step "If Country = England or Wales and Include FE = Y and Instance.FESTUMK = 4, derive as 02 ." has been removed.
4. If Instance.EXCHANGE is *2, 4, 8, 9* or *A*, derive as *03*.
5. If Instance.MODE = *63* or *64*, derive as *04*.
6. Derive as *00*.

Reason for Ending Instance (RSNEND)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason
HESA Action Reasons	Reason for Ending Instance Mapping

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition "Instance.REDUCEDI = 00, 01, 02, 04, 06 or 07" has been changed to "Instance.REDUCEDI = 00, 01, 04 or 07"

- Instance.REDUCEDI = 00, 01, 04 or 07
- Instance.ENDDATE is completed.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If the most recent effective dated Student Program record has Program Action/Reason values mapped to a HESA Reason for Ending Instance code on the HESA Action Reasons page, then derive the mapped HESA code value.
2. Derive as *NULL ERROR*.

Number of Student Associates Scheme Days Completed (SASDAYS)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
HESA Instance	SASDAYS

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.REDUCEDC = 06 (SAS) or Course.TTCID = E (SAS)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Student Associates Scheme Placement (SASSCHL)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	SASSCHL

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.REDUCEDC = 06 (SAS) or Course.TTCID = E (SAS)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Subject Knowledge Enhancement Institution (SKEITT)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
HESA Instance	SKEITT

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England
- Course.REDUCEDC = 07 (SKE) or Course.TTCID = F (SKE)

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Special Fee Indicator (SPECFEE)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program Offering/Year HESA	SPECFEE (Program Year HESA Data group box)
Plan Offering/Year HESA	SPECFEE (Plan Year HESA Data group box)
Sub-Plan Offering/Year HESA	SPECFEE (Sub-Plan Year HESA Data group box)
HESA Instance	SPECFEE

Field Derivation Rule: Derive if one of the following conditions is met:

- Country = England, Northern Ireland, or Scotland AND Instance.REDUCEDI = 00
- Instance.REDUCEDI = 00 AND Country = Wales AND Course.COURSEAIM does not begin with P, Q, R, S or X

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
4. Derive from the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
5. Derive from the Program Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
6. Use default.
7. Derive as *NULL ERROR.*

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Expected Length of Study (SPLENGTH)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	SPLENGTH
Program Offering/Year HESA	SPLENGTH (Program Offering HESA Data group box)
Plan HESA Data	SPLENGTH
Plan Offering/Year HESA	SPLENGTH (Plan Offering HESA Data group box)
Sub-Plan HESA	SPLENGTH
Sub-Plan Offering/Year HESA	SPLENGTH (Sub-Plan Offering HESA Data group box)
HESA Instance	SPLENGTH

Bundle 27
The field derivation rule has been changed from "Instance.REDUCEDI = 00 or 01 or 02 derive a value." to "If Instance.REDUCEDI = 00 or 01 derive a value."

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL* with ReasonForNull = *9* .

SLDD-Discrete Provision (ST13)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	ST13

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Field Derivation Rule: Derive a value only if the Include FE check box is selected.

Derive a value if the following conditions are met:

- Country = Wales
- Instance.FESTUMK = 1 or 3
- Instance.REDUCEDI = 00

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Use default.
4. Derive as *NULL ERROR.*

Student Instance FTE (STULOAD)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	Calculated FTE Report Zero Override FTE

Bundle 27
The field derivation rule has been changed from "Instance.REDUCEDI = 00, 01, 02 or 03, derive a value." to "If Instance.REDUCEDI = 00, 01 or 03, derive a value."

Field Derivation Rule: If Instance.REDUCEDI = 00, 01 or 03, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Derive as zero, if the Report Zero check box is selected on the HESA Instance page for the reporting period.
2. Derive as the Override FTE value on the HESA Instance page for the reporting period.
3. Derive as the Calculated FTE value on the HESA Instance page for the reporting period.
4. Use default.
5. Derive as *NULL ERROR.*

Teacher Reference Number (TREFNO)

Return: Student Record

Entity: Instance

Page Used:

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Page	Page Element
External System ID	External System ID

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England, Scotland, or Wales
- Instance.REDUCEDI = 00 or 04
- Related Course.TTCID = 1 or 8

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for TREFNO in the HESA Types page.
2. Use default.
3. Derive as *NULL*.

Type of Instance Year (TYPEYR)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	TYPEYR
Program Offering/Year HESA	TYPEYR (Program Year HESA Data group box)
Plan HESA Data	TYPEYR
Plan Offering/Year HESA	TYPEYR (Plan Year HESA Data group box)
Sub-Plan HESA	TYPEYR
Sub-Plan Offering/Year HESA	TYPEYR (Sub-Plan Year Data group box)
HESA Instance	TYPEYR

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Derive as *1* if Instance.COURSEID is based on a subplan, and a TYPEYR value of *1* is defined on the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
4. Derive as *2* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance, and COMDATE is within the reporting period.
5. Derive as *3* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of

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the student instance, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.

6. Derive as *4* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
7. Derive as *1* if Instance.COURSEID is based on a subplan and a TYPEYR value of *1* is defined on the Sub-Plan HESA page.
8. Derive as *2* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan HESA page, and COMDATE is within the reporting period.
9. Derive as *3* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan HESA page, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.
10. Derive as *4* if Instance.COURSEID is based on a subplan, a TYPEYR value of *2, 3, 4,* or *5* is defined on the Sub-Plan HESA page, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
11. Derive as *1* if a TYPEYR value of *1* is defined on the Plan Offering/Year HESA page for the combination of academic load and YEARPRG of the student instance.
12. Derive as *2* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, and COMDATE is within the reporting period.
13. Derive as *3* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.
14. Derive as *4* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
15. Derive as *1* if a TYPEYR value of *1* is defined on the Plan HESA Data page.
16. Derive as *2* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan HESA Data page, and COMDATE is within the reporting period.
17. Derive as *3* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan HESA Data page, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.
18. Derive as *4* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Plan HESA Data page, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
19. Derive as *1* if a TYPEYR value of *1* is defined on the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance.
20. Derive as *2* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, and COMDATE is within the reporting period.
21. Derive as *3* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.
22. Derive as *4* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
23. Derive as *1* if a TYPEYR value of *1* is defined on the Program HESA Data page.

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24. Derive as *2* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program HESA Data page and COMDATE is within the reporting period.
25. Derive as *3* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program HESA Data page, COMDATE is prior to the reporting period, and ENDDATE is null or not within the reporting period.
26. Derive as *4* if a TYPEYR value of *2, 3, 4,* or *5* is defined on the Program HESA Data page, COMDATE is prior to the reporting period, and ENDDATE is within the reporting period.
27. Use default.
28. Derive as *NULL ERROR.*

The derivation logic can use the TYPEYR values of *3, 4,* or *5* set up for year, program, plan, or subplan. However, it is expected that only values *1* (Course academic year contained within the HESA reporting year 1 August - 31 July) or *2* (Course academic year not contained within the HESA reporting year 1 August - 31 July) are relevant because the remaining values of *3, 4,* and *5* apply to the student instance rather than the year as a whole.

The system repeats Steps 3 to 6, depending on the level at which the TYPEYR value is defined in the academic structure.

Units of Length (UNITLGTH)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	UNITLGTH
Program Offering/Year HESA	UNITLGTH (Program Offering HESA Data group box)
Plan HESA Data	UNITLGTH
Plan Offering/Year HESA	UNITLGTH (Plan Offering HESA Data group box)
Sub-Plan HESA	UNITLGTH
Sub-Plan Offering/Year HESA	UNITLGTH (Sub-Plan Offering HESA Data group box)
HESA Instance	UNITLGTH

Bundle 27
The field derivation rule has been changed from "Instance.REDUCEDI = 00 or 01 or 02, derive a value." to "If Instance.REDUCEDI = 00 or 01, derive a value."

Field Derivation Rule: If Instance.REDUCEDI = 00 or 01, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.

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6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL ERROR*..

Length of Current Year of Instance (YEARLGTH)

Return: Student Record

Entity: Instance

Pages Used:

Page	Page Element
Program HESA Data	YEARLGTH
Program Offering/Year HESA	YEARLGTH (Program Year HESA Data group box)
Plan HESA Data	YEARLGTH
Plan Offering/Year HESA	YEARLGTH (Plan Year HESA Data group box)
Sub-Plan HESA	YEARLGTH
Sub-Plan Offering/Year HESA	YEARLGTH (Sub-Plan Year Data group box)
HESA Instance	YEARLGTH

Field Derivation Rule: Derive a value if one of the the following conditions is met:

- Country = Scotland AND Instance.REDUCEDI = 00.
- Country = Wales, Instance. REDUCEDI= 00 AND Course.COURSEAIM does not begin with P, Q, R, S or X

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Instance.LOCSDY = *D* or *F*, derive as *NULL* with ReasonForNull = *9*.
4. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance.
5. If Instance.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
6. Derive from the Plan Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance.
7. Derive from the Plan HESA Data page.
8. Derive from the Program Offering/Year HESA page for the combination of Academic Load and YEARPRG of the student instance.
9. Derive from the Program HESA Data page.
10. Use default.

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11. Derive as *NULL ERROR.*

Year of Program (YEARPRG)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	Year of Program

Field Derivation Rule: Derive a value if one of the the following conditions is met:

- Country = England, Northern Ireland, or Scotland AND Instance.REDUCEDI = 00 or 01
- Country = Wales, Instance.REDUCEDI = 00 or 01 AND Course.COURSEAIM does not begin with P, Q, R, S or X

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as *NULL ERROR.*

Year of Student on This Instance (YEARSTU)

Return: Student Record

Entity: Instance

Page Used:

Page	Page Element
HESA Instance	Year of Student

Field Derivation Rule: Derive a value if one of the following conditions is met:

- Country = England, Northern Ireland, or Scotland AND Instance.REDUCEDI = 00 or 01
- Country = Wales, Instance.REDUCEDI = 00 or 01 AND Course.COURSEAIM does not begin with P, Q, R, S or X

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as *NULL ERROR.*

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Student Record Return: Entry Profile Entity

If you select the Include Student Entities check box on the Create Extract Data page, the Create Extract process creates a Entry Profile entity. The process creates a Entry Profile entity for each Instance entity if either the Instance.COMDATE is within the reporting period or if the Include Entry Profile check box is selected on the Entry Profile page. The process creates a single Entry Profile entity using the same key structure as the Instance record.

Access Programmes (ACCESS)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	ACCESS

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition has been changed from “EntryProfile.QUALENT2 = 44 or 45” to “Either EntryProfile.QUALENT2 = 44 or 45 or EntryProfile.QUALENT3 = X00 or X01”

- Country = Scotland
- Either EntryProfile.QUALENT2 = 44 or 45 or EntryProfile.QUALENT3 = X00 or X01

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL ERROR* .

Articulation (ARTICLN)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	ARTICLN

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- Entry Profile.DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM

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- Related Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM = M22, M26, H00, H11, H16, H18, H22, H23, H24, I00, I11, or I16

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL ERROR* .

Domicile (DOMICILE)

Return: Student Record

Entity: Entry Profile

Pages Used:

Page	Page Element
Residency Self-Report (Campus Community, Personal Information (Student), Identification (Student), Residency Data, Residency Self-Report)	State Country
Entry Profile	DOMICILE
Nationality (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Nationality)	HESA Domicile
Area of Permanent Residence (Set Up SACR, Product Related, Recruiting and Admissions, UCAS, Mappings, Area of Permanent Residence)	HESA Code

Field Derivation Rule: Include for all Entry Profile entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Select the Residency Self-Report record with the latest Date Reported before the Instance.COMDATE. If no record is found, then select the record with the earliest Date Reported date on or after Instance.COMDATE.

   If a Residency Self-Report record is found and the Country value is not *GBR*, retrieve the related two-character code (COUNTRY_2CHAR) from the Country table (PS_COUNTRY_TBL). If the mapping to a HESA Domicile exists on the Nationality page for the Campus Solutions country code, use the mapped HESA Domicile value; otherwise, use the COUNTRY_2CHAR value.
3. If the Residency Self-Report record is found, the Country value is *GBR*, and a State value exists, select the country and state values. If a mapping exists on the Area of Permanent Residence page between a HESA country code and the selected country and state values, use the mapped HESA Country code. If no mapping is found, log an error message and derive *XK*.
4. If a Residency Self-Report record is found, the Country value is *GBR*, and a State value does not exist, derive *XK*.
5. Use default.
6. Derive as *NULL ERROR* .

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Note that some Campus Solutions country codes are invalid for HESA reporting. Use the Nationality page to map the valid HESA codes with the Campus Solutions country codes.

Marital Status (MARSTAT)

Return: Student Record

Entity: Entry Profile

Pages Used:

Page	Page Element
Biographical Details (Campus Community, Personal Information (Student), Add/Update Person, Biographical Details)	Marital Status
Entry Profile	MARSTAT
Marital Status (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Marital Status)	HESA Marital Status

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Northern Ireland
- EntryProfile.DOMICILE = XG (Northern Ireland)
- Related Instance.REDUCEDI = 00 or 04

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Select the Marital Status value from the Biographical History record. Use the mapping on the Marital Status page to derive the HESA Martial Status code.
3. Derive as *NULL ERROR.*

New Entrant to Higher Education (NEWENT)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	NEWENT

Field Derivation Rule: Derive a value if the following conditions are met:

- Related Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM begins with D, E, L, M, H, I, J, or C

Derive as NULL if the conditions are not met.

Derivation Steps:

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1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL* .

Dependents on Entry (NIDEPEND)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	NIDEPEND

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Northern Ireland
- EntryProfile.DOMICILE = XG (Northern Ireland)
- Related Instance.REDUCEDI = 00 or 04

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL ERROR* .

Parental Education (PARED)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	PARED

Field Derivation Rule: Derive a value if the following conditions are met:

- EntryProfile.DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM
- Related Course.COURSEAIM = M22, M26, H00, H11, H16, H18, H22, H23, I00, I11, I16, J10, J16, J20, J26, J30, C20, or C30
- Related Instance.REDUCEDI = 00 or 04
- If Country = Northern Ireland or Wales, then EntryProfile.UCASAPPID is not null

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Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL ERROR* .

PGCE Class of Undergraduate Degree (PGCECLSS)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	PGCECLSS

Field Derivation Rule: Derive a value if the following conditions are met:

- Related Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM = M71 or H71

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as *NULL ERROR* .

PGCE Subject of Undergraduate Degree (PGCESBJ)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	PGCESBJ PGCESBJ2 PGCESBJ3

Field Derivation Rule: Derive a value if the following conditions are met:

- Related Instance.REDUCEDI = 00 or 04

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- Related Course.COURSEAIM = M71 or H71

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Use constant to create a single PGCESBJ field.
2. Derive from the Entry Profile page.
3. Use default to create a single PGCESBJ field.
4. Derive a single PGCESBJ field as *NULL ERROR* .

Note. The system can derive up to three values. Each of the values is included as a separate PGCESBJ field in the XML file.

Postcode (POSTCODE)

Return: Student Record

Entity: Entry Profile

Pages Used:

Page	Page Element
Addresses (Campus Community, Personal Information (Student), Biographical (Student), Addresses/Phones, Addresses)	Postal
Entry Profile	POSTCODE

Field Derivation Rule: Derive a value if the following conditions are met:
Bundle 27
The condition has been changed from “Related Instance.REDUCEDI = 00, 01, 04, 06 or 07” to “Related Instance.REDUCEDI = 00, 01, 04 or 07”

- EntryProfile.DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM
- Related Instance.REDUCEDI = 00, 01, 04 or 07

Derive as NULL if the conditions are not met.

Derivation Steps:
Bundle 27
Second step has been modified to select an address record prior to COMDATE.

1. Derive from the Entry Profile page.
2. Select the address record with the country code of GBR whose effective date is most recent and falls prior to Instance.COMDATE. The record must have an address type that matches the address type mapped with POSTCODE in the HESA Types page. Derive the post code from this record.
3. Derive as *NULL* with ReasonForNull = *1*.

For steps 1 and 2, the system validates that the derived post code value is in the correct format.

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Last School Attended (PREVINST)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	PREVINST

Field Derivation Rule: Derive a value if the following conditions are met:

- EntryProfile.DOMICILE = XF, XG, XH, XI, XK, XL, GG, JE, or IM
- Related Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM = M22, M26, H00, H11, H16, H18, H22, H23, I00, I11, I16, J10, J16, J20, J26, J30, C20, or C30

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR.*

Highest Qualification On Entry (QUALENT2)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	QUALENT2

Field Derivation Rule:

Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00, 01, or 04
- Instance.COMDATE is before *01-AUG-2010*

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR.*

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Highest Qualification On Entry (QUALENT3)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	QUALENT3

Field Derivation Rule:

Derive a value if the following conditions are met:

- Instance.REDUCEDI = 00 or 04
- Instance.COMDATE is on or after *01-AUG-2010*

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR.*

Religion (RELIGION)

Return: Student Record

Entity: Entry Profile

Pages Used:

Page	Page Element
Religious Preference (Campus Community, Personal Information (Student), Biographical (Student), Personal Attributes, Religious Preference)	Religious Preference
Entry Profile	RELIGION
Religion (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Religion)	HESA Religion

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Northern Ireland
- EntryProfile.DOMICILE = XG (Northern Ireland)
- Related Instance.REDUCEDI = 00 or 04

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.

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2. Select the religious preference from the personal information record. Use the mapping on the Religion page to derive the HESA Religion code.

   If the HESA religion code mapping does not exist, log an error message and skip to the next step.
3. Use default.
4. Derive as *NULL ERROR.*

Socio-Economic Classification (SEC)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	SEC

Field Derivation Rule: Derive a value if the following conditions are met:

- A value for EntryProfile.UCASAPPID exists.
- EntryProfile.DOMICILE is XF, XG, XH, XI, XK, XL, GG, JE or IM
- Related Course.COURSEAIM begins with H, I, J, or C or is M22 or M26.

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR.*

Occupation Code (SOC2000)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	SOC2000

Field Derivation Rule: Derive a value if the following conditions are met:

- A value for EntryProfile.UCASAPPID exists.
- EntryProfile.DOMICILE is XF, XG, XH, XI, XK, XL, GG, JE or IM
- Related Course.COURSEAIM begins with H, I, J, or C or is M22 or M26.

Derive as NULL if the conditions are not met.

Derivation Steps:

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1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR*.

UCAS Application Number (UCASAPPID)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Application Data (Student Admissions, Application Maintenance, Maintain Applications, Application Data)	External Application Nbr
Entry Profile	UCASAPPID

Field Derivation Rule: Include for all Entry Profile entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use the Student Program record of the instance to find the admission application number (ADM_APPL_NBR). Use this admission application number to find the Admissions Data record (PS_ADM_APPL_DATA). Then, from the Application Data page for this record, find the External Application Number. The External Application Number is used to record the UCAS Application Number or Application Code plus Choice Number for UCAS applications.

   If the External Application Number is not null and is a UCAS number — that is, the number is a 4-character application code that begins *UC*, plus - , plus single-digit choice number (for example, UC01-1), then the system derives the UCAS number value minus the - and choice elements (for example, *UC01*). Only values beginning *UC* are derived. If any other value is found, the derivation step is skipped.
3. Use default.
4. Derive as *NULL*.

Welsh Baccalaureate Advanced Diploma (WELBACC)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	WELBACC

Field Derivation Rule: Derive a value if the following conditions are met:

- EntryProfile.DOMICILE = XI (Wales)
- Related Instance.REDUCEDI = 00 or 04
- Related Course.COURSEAIM begins with H, I, J or C (that is, not FE)

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Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. If Country is Wales in the HESA Returns page, derive as *NULL ERROR.*
4. If Country is not Wales in the HESA Returns page, derive as *NULL.*

Year Left Last Institution (YRLLINST)

Return: Student Record

Entity: Entry Profile

Page Used:

Page	Page Element
Entry Profile	YRLLINST

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- EntryProfile.ARTICLN = 1, 2, 3, or 4

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as *NULL ERROR.*

Student Record Return: Qualifications On Entry Entity

The Create Extract process creates Qualifications On Entry entities for each Entry Profile entity in the return. The process creates the Qualifications On Entry entities only if the Include Student Entities check box is selected on the Create Extract Data page. To create the Qualifications On Entry entities, the process selects entry qualifications that have the Report To HESA check box selected and the QUALTYPE code imported from HESA.

Qualification Grade (QUALGRADE)

Return: Student Record

Entity: Qualifications On Entry

Page Used:

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Page	Page Element
Entry Profile	Grade

Field Derivation Rule: Include for all Qualifications On Entry entities.

Derivation Steps:

The system performs the following steps to derive the values:

1. Derive from the Entry Profile page.
2. Derive as *NULL ERROR.*

Qualification Subject (QUALSBJ)

Return: Student Record

Entity: Qualifications On Entry

Page Used:

Page	Page Element
Entry Profile	Subject

Field Derivation Rule: Include for all Qualifications On Entry entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Derive as *NULL ERROR.*

Qualification Sitting (QUALSIT)

Return: Student Record

Entity: Qualifications On Entry

Page Used:

Page	Page Element
Entry Profile	Sitting

Field Derivation Rule: Include for all Qualifications On Entry entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Derive as *NULL ERROR.*

Qualification Type (QUALTYPE)

Return: Student Record

Entity: Qualifications On Entry

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Page Used:

Page	Page Element
Entry Profile	Type

Field Derivation Rule: Include for all Qualifications On Entry entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Derive as *NULL ERROR.*

Qualification Year (QUALYEAR)

Return: Student Record

Entity: Qualifications On Entry

Page Used:

Page	Page Element
Entry Profile	Year

Field Derivation Rule: Include for all Qualifications On Entry entities.

Derivation Steps:

1. Derive from the Entry Profile page.
2. Derive as *NULL ERROR.*

Student Record Return: Qualifications Awarded Entity

The Create Extract process creates Qualifications Awarded entities for each Instance entity where the student has completed the course and the academic institution has awarded a qualification to the student. The process uses the HESA Instance record for field derivation. If a field value does not exist in the HESA Instance record, the process uses the student degree records for derivation.

The process creates the Qualifications Awarded entities only if the Include Student Entities check box is selected on the Create Extract Data page.

The process selects Qualifications Awarded records for Instance records that have Instance.ENDDATE = *not null,* Instance.RSNEND = *01* (successful completion of course), and Instance.REDUCEDI = *00, 01* or *04* (not Reduced FE or Incoming Visiting/Exchange).

Classification (CLASS)

Return: Student Record

Entity: Qualifications Awarded

Pages Used:

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Page	Page Element
HESA Instance	Classification (Qualifications Awarded group box)
Degree Honors (Records and Enrollment, Graduation, Student Degrees, Degree Honors)	Honors Code
Classification (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Classification)	Honors Code

Field Derivation Rule: Derive a value if one of the following conditions is met:

- QualificationsAwarded.QUAL = M22, M26, H00, H11, H16, H18, H22, H23, H24, H50, I00, I11, or I16
- Country = England or Wales AND QualificationsAwarded.QUAL begins P, Q, R, S or X

Derivation Steps:

1. If the entity is derived from the HESA Instance - Qualifications Awarded record, derive as the Classification value.
2. If the entity is derived from Student Degrees record, use the mapping on the Classification page to derive as the HESA Honors Code. On the Classification page the HESA Honors Code must be mapped to a HESA classification and a Honors Type where the Honors Type must be *Degree Honors*.
3. Derive as *NULL ERROR*.

Outcome of ITT Instance (OUTCOME)

Return: Student Record

Entity: Qualifications Awarded

Pages Used:

Page	Page Element
HESA Instance	Outcome of ITT Instance (Qualifications Awarded group box)
HESA Instance	OUTCOME (Instance HESA Data group box)

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Wales
- Related Course.TTCID = 1 or 8

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If the entity is derived from the HESA Instance - Qualifications Awarded record, derive as the Outcome of ITT Instance value.
2. If the entity is derived from Student Degrees record, derive as the OUTCOME value.
3. Use default.
4. Derive as *NULL ERROR*.

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Qualification Awarded (QUAL)

Return: Student Record

Entity: Qualifications Awarded

Pages Used:

Page	Page Element
HESA Instance	Qualification Awarded (Qualifications Awarded group box)
Degree (Records and Enrollment, Graduation, Student Degrees, Degree)	Degree
Qualification (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Qualification)	Degree

Field Derivation Rule: Include for all Qualifications Awarded entities.

Derivation Steps:

1. If the entity is derived from the HESA Instance - Qualifications Awarded record, derive as the Qualification Awarded value.
2. If the entity is derived from Student Degrees record, use the mapping on the Qualification page to derive as the mapped HESA Degree code.
3. Derive as *NULL ERROR.*

Teaching Qualifications Gained Sector (TQGSEC)

Return: Student Record

Entity: Qualifications Awarded

Pages Used:

Page	Page Element
HESA Instance	Sector (Qualifications Awarded group box)
HESA Instance	TQGSEC (Instance HESA Data group box)

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland or Northern Ireland
- Related Course.TTCID = 1 or 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If the entity is derived from the HESA Instance - Qualifications Awarded record, derive as the Sector value.
2. If the entity is derived from Student Degrees record, derive as the TQGSEC value. If two awards are reported, use this value for both entities.
3. Use default.
4. Derive as *NULL ERROR.*

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Teacher Qualification Gained Subject (TQGSUB)

Return: Student Record

Entity: Qualifications Awarded

Pages Used:

Page	Page Element
HESA Instance (Qualifications Awarded group box)	Subject 1, Subject 2, Subject 3
HESA Instance (Instance HESA Data group box)	TQGSUB, TQGSUB2, TQGSUB3

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Scotland
- QualificationsAwarded.TQGSEC = 2

Derive as NULL if the conditions are not met.

Derivation Steps:

1. If the entity is derived from the HESA Instance - Qualifications Awarded record, derive as the Subject 1, Subject 2, and Subject 3 values.
2. If the entity is derived from Student Degrees record, derive as the TQGSUB, TQGSUB2, and TQGSUB3 values. Use these values for both entities if two awards are reported.
3. Derive single TQGSUB field as *NULL ERROR*.

Note. The system can derive up to three values. Each of the values is included as a separate TQGSUB field in the XML file.

Student Record Return: RAE Data Entity

The Create Extract process creates RAE Data entities for each Instance entity where the student is studying a research program and the academic institution is creating a full return for the student. The process :

- Selects RAE Data entities records for the related course records that have a research COURSEAIM = *L00, L80, L90, L99* or beginning with *D* and Instance.REDUCEDI = *00* (not a reduced return).
- Derives values from the HESA Instance - Research Data record. If values do not exist in the HESA Instance - Research Data record, then derives values from the Advisor HESA Data record for the student.
- Creates the RAE Data entities only if the Include Student Entities check box is selected as a run parameter for the Create Extract process.

For selecting a value from the Advisor HESA Data record, the process selects each student advisor record where:

- The Academic Career and Academic Program match the career and program of the Instance being reported.
- The Academic Advisor value is defined for the student.
- The Advisor Role defined matches one of the roles defined on the HESA Returns page.

If multiple advisors are found, the process selects the advisor with the lowest Advisor Number. The process then selects the Advisor HESA data for the selected advisor to derive the RAE Data fields.

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RAE Unit of Assessment (OUA2008)

Return: Student Record

Entity: RAE Data

Pages Used:

Page	Page Element
HESA Instance	RAE Unit of Assessment
Advisor HESA Data (Curriculum Management, Instructor/Advisor Information, Instructor/Advisor Table, Advisor HESA Data)	RAE Unit of Assessment
Student Advisor (Records and Enrollment, Student Background Information, Student Advisor)	Academic Advisor

Field Derivation Rule: Include for all RAE Data entities.

Derivation Steps:

1. If the entity is derived from Instance HESA Data - Research Data record, derive from the HESA Instance page.
2. If the entity is derived from Advisor HESA Data record, derive from the Advisor HESA Data page.

Unit of Assessment Percentage (UOAPCNT)

Return: Student Record

Entity: RAE Data

Pages Used:

Page	Page Element
HESA Instance	Unit Of Assessment Percentage
Advisor HESA Data (Curriculum Management, Instructor/Advisor Information, Instructor/Advisor Table, Advisor HESA Data)	Unit Of Assessment Percentage
Student Advisor (Records and Enrollment, Student Background Information, Student Advisor)	Academic Advisor

Field Derivation Rule: Include for all RAE Data entities.

Derivation Steps:

1. If the entity is derived from Instance HESA Data - Research Data record, derive from the HESA Instance page.
2. If the entity is derived from Advisor HESA Data record, derive from the Advisor HESA Data page.

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Student Record Return: Student On Module Entity

The Create Extract process can create a maximum of 128 Student On Module records for each Instance in the return to indicate which modules (Campus Solutions courses) the student has been studying during the reporting period. The process selects Student On Module records based on the student's course enrollments and the course offering records included in the related Module entities of the return.

The process creates the Student On Module entities only if the Include Student Entities check box is selected on the Create Extract Data page.

HESA requires Student On Module records only if Instance.STULOAD is greater than zero. However, academic institutions can optionally include Student On Module records in the return when STULOAD = 0.

To choose student enrollment records for the Student on Module entity creation, the process:

- Selects all activated terms for the student career.
- From each activated term, selects classes that satisfy the following conditions:
  - Class Start Date is within the reporting period, or Class End Date is within the reporting period, or Class Start Date is prior to the reporting period and Class End Date is after the reporting period.
  - Status = *Enrolled* or *Dropped.*
  - Units Taken value is greater than zero.
  - Grading basis value matches one of the values defined in the Grading Basis Inclusion region with the Extract check box selected on the HESA Configuration page.
  - Repeat Code value is null or does not match a value defined in the Repeat Code Exclusion region with the Extract check box selected on the HESA Configuration page.
  - If the student has multiple careers with the same Academic Career value as the career being processed (that is, the same career value with different career numbers), then the process applies a further filter to the class enrollments. In that case, the process selects the class only if the program value of the enrollment record is null or matches one of the program values in the Student Program records for that career and career number.

When the process considers class start and end dates for class enrollments where the Session = *OEE* (open entry/exit), rather than selecting the class start/end dates, the process selects the values from the Student OEE Enrollment Data record for the class enrollment. If the end date is not defined in Student OEE Enrollment Data then the process uses the class end date. The start date is mandatory for a Student OEE Enrollment Data record. Note that the process does not consider linked careers for Student On Module.

For students with a STULOAD value of greater than zero, if there are no relevant class enrolments, the process creates a single Student On Module entity for the student. The process creates the single Student On Module entity only if the combination of Plan and Year has been defined as a dummy module and included in the Module entity.

Percentage of Module Taught in Celtic Language (LANGPCNT)

Return: Student Record

Entity: StudentOnModule

Page Used:

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Page	Page Element
HESA Module Data	LANGPCNT

Field Derivation Rule: If Country = Northern Ireland, Scotland, or Wales, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Module Data page.
3. Use default.
4. Derive as *NULL ERROR.*

Module Identifier (MODID)

Return: Student Record

Entity: Student On Module

Pages Used: None

Field Derivation Rule: Include for all Student On Module entities.

Derivation Step:

1. For each student enrollment record valid for the reporting period, the process determines MODID as a combination of Course ID plus Course Offering Number from the related Course Offering record.

Module Countable (MODCOUNT)

Return: Student Record

Entity: Student On Module

Pages Used:

Page	Page Element
Module HESA Data	MODCOUNT

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = Wales
- Course.COURSEAIM begins with C, D, E, L, M, H, I or J

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Module HESA Data page.
2. Use default.
3. Derive as *NULL ERROR.*

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Module Outcome (MODOUT)

Return: Student Record

Entity: Student On Module

Pages Used:

Page	Page Element
Enrollment (Records and Enrollment, Enroll Students, Enrollment)	Grading Basis Grade In/Official
Module Outcome (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Module Outcome)	HESA Module Outcome

Field Derivation Rule: Include for all Student On Module entities.

Derivation Steps:

1. Derive as the mapped HESA Module Outcome for the grade selected in the enrollment record.
2. Use default.
3. Derive as *NULL ERROR*.

If HESA Module Data dummy module flag for MODID = Y, derive as *07*.

Module Status (MODSTAT)

Return: Student Record

Entity: Student On Module

Pages Used: None

Field Derivation Rule: Include for all Student On Module entities.

Derivation Steps:

1. Use constant.
2. Derive as *1* if the class start date is before the reporting period, and the class end date is within the reporting period.
3. Derive as *2* if the class start and end dates are within the reporting period.
4. Derive as *3* if the class start date is within the reporting period, and the class end date is after the reporting period.
5. Derive as *4* if the class end date is before the reporting period and MODOUT is not *6*.
6. Derive as *6* if the class start date is before the reporting period and the class end date is after the reporting period.
7. Use default.
8. Derive as *NULL ERROR*.

Note that the derivation logic compares class start and end dates with the reporting period dates to determine the status.

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If HESA Module Data dummy module flag for MODID = Y, derive as *05*.

When considering class start and end dates for class enrollments where the Session = OEE, rather than selecting the class start and end dates, the derivation logic selects values from the Student OEE Enrollment Data record for the class enrollment. If the end date is not defined in Student OEE Enrollment Data record, then the logic uses the class end date. The start date is mandatory in the Student OEE Enrollment Data record.

Module Year (MODYR)

Return: Student Record

Entity: Student On Module

Page Used:

Page	Page Element
Module HESA Data	MODYR

Field Derivation Rule: Derive a value if the following conditions are met:

- Country = England or Northern Ireland
- Instance.INSTAPP = 1
- Instance.TYPEYR = 2, 3, 4, or 5

Derive as NULL if the conditions are not met.

Derivation Steps:

1. Derive from the Module HESA Data page.
2. Use default.
3. Derive as *NULL ERROR.*

For dummy modules:

1. Derive from the HESA Dummy Module Data page.
2. Use default.
3. Derive as *NULL ERROR.*

Note: The field is only derived if INSTAPP = *1*, therefore, usually this field will be null

Aggregate Offshore Return: Institution Entity

The Create Extract process creates a single entity record for the institution with the RECID and UKRPN fields.

Record Type Indicator (RECID)

Return: Aggregate Offshore

Entity: Institution

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Pages Used:

Page	Page Element
Reporting Period	Record Year
Returns	Record ID

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive as YYNNN, where *YY* is the final two digits of the Record Year (for example, 09 for 2009) and *NNN* is the 3-digit Record ID for the seeded return.
2. Derive as *NULL ERROR.*

For Aggregate Offshore Return, the Record ID must be 052. The Record ID is delivered with CS 9.0 bundle 12.

UK Provider Reference Number (UKPRN)

Return: Aggregate Offshore

Entity: Institution

Page Used:

Page	Page Element
HESA Configuration	UKPRN

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive from the HESA Returns page.
2. Derive as NULL ERROR.

Aggregate Offshore Return: Provision Entity

The Create Extract process creates Provision entities for Offshore plans and Offshore subplans. That is, the process selects only those subplans for which the Offshore Sub-Plan check box is selected on the Sub-Plan HESA page. If you have selected the Enable Sub-Plan Reporting check box on the HESA Returns page, the process selects only those subplans for which you have selected the Report to HESA and Offshore Sub-Plan check boxes on the Sub-Plan HESA Data page. Also, the process selects only those plans for which the Offshore Plan check box is selected on the Plan HESA Data page. If you have not selected the Enable Sub-Plan Reporting check box, the process selects only those plans for which you have selected the Report to HESA and Offshore Plan check boxes on the Plan HESA Data page.

Country of Activity (COUNTRY)

Return: Aggregate Offshore

Entity: Provision

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Pages Used:

Page	Page Element
Plan HESA Data	COUNTRY
Sub-Plan HESA	COUNTRY

Field Derivation Rule: Include for all Provision entities.

Derivation Steps:

1. Use constant.
2. If Provision entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Use default.
5. Derive as *NULL ERROR*.

Institutions Own Campus Identifier (INSTCAMP)

Return: Aggregate Offshore

Entity: Provision

Pages Used:

Page	Page Element
Campus (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Campus)	HESA Institutions Own Campus
Taxonomy/Campus (Set Up SACR, Foundation Tables, Academic Structure, Academic Program Table, Taxonomy/Campus)	Campus

Field Derivation Rule: Include for all Provision entities.

Derivation Steps:

1. Use constant.
2. If Provision entity is based on a subplan, select the associated program's campus from the Taxonomy/Campus page. Use the HESA Institutions Own Campus value mapped to the selected campus.
3. If Provision entity is based on a plan, select the associated program's campus from the Taxonomy/Campus page. Use the HESA Institutions Own Campus value mapped to the selected campus.
4. Use default.
5. Derive as *NULL*.

Level of Provision (LEVEL)

Return: Aggregate Offshore

Entity: Provision

Pages Used:

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Page	Page Element
Plan HESA Data	LEVEL
Sub-Plan HESA	LEVEL

Field Derivation Rule: Include for all Provision entities.

Derivation Steps:

1. Use constant.
2. If Provision entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Use default.
5. Derive as *NULL ERROR.*

Number of Students (HEADCOUNT)

Return: Aggregate Offshore

Entity: Provision

Field Derivation Rule: Include for all Provision entities.

Derivation Steps:

1. Derive this value by performing a similar selection as for the existing Instance return but restricting the selection to the plan and subplan of each Provision entity. The return will contain just the count. However, in the log file list each student included in the count including their EMPLID, and plan or subplan.
2. If students are not found, derive as *0.*

In the first step, the process includes students who have a plan or subplan that overlap the reporting period and have been enrolled; that is, the student either has a status of *Enrolled* or has an associated enrolled classes that the student enrolled on or before reporting period end date

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Note. If the process does not return a HEADCOUNT value for the plan or subplan, include the student in the extract but do not include the student in the XML file.

Type of Activity (TYPE)

Return: Aggregate Offshore

Entity: Provision

Pages Used:

Page	Page Element
Plan HESA Data	TYPE
Sub-Plan HESA	TYPE

Field Derivation Rule: Include for all Provision entities.

Derivation Steps:

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1. Use constant.
2. If Provision entity is based on a subplan, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Use default.
5. Derive as *NULL ERROR.*

ITT Return: Institution Entity

The Create Extract process creates a single entity record for the institution with the RECID and UKRPN fields.

Record Type Indicator (RECID)

Return: ITT

Entity: Institution

Pages Used:

Page	Page Element
Reporting Period	Record Year
Returns	Record ID

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive as YYNNN, where *YY* is the final two digits of the Record Year (for example, 09 for 2009) and *NNN* is the 3-digit Record ID for the seeded return.
2. Derive as *NULL ERROR.*

For ITT Return, the Record ID is 053. The Record ID is delivered with CS 9.0 Bundle 13.

UK Provider Reference Number (UKPRN)

Return: ITT

Entity: Institution

Page Used:

Page	Page Element
HESA Configuration	UKPRN

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive from the HESA Returns page.

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2. Derive as NULL ERROR.

ITT Return: Student Entity

The Create Extract process creates ITT Student entities only if all the following conditions are satisfied:

- Report to HESA check box is selected on the HESA Instance page for the HESA Instance record.
- The student's program commencement date is before or within the reporting period.
- Either: (a) the student has been term activated for a term that begins within the reporting period and the student has at least one enrolled class related to that term or (b) the student has an FTE value of greater than zero for the reporting period. The process determines the FTE value for the reporting period from the HESA Instance record as either the Override FTE value or else the Calculated FTE value.
- The most recent effective dated Student Program stack record has a Program Status matching one of the Eligible Program Statuses defined for the return on the HESA Returns page.
- If a subplan is selected as the run parameter, check that the Report to HESA check box is selected and the TTCID value is 1, 2, or 8 for the subplan on the Plan HESA Data page.
- If subplan is not selected, check that the Report to HESA check box is selected and the TTCID value is 1, 2, or 8 for the plan on the Plan HESA Data page.

If all the conditions are satisfied, then the process create a record in the ITT Student Extract table with status set to ACTIVE using the following values:

- EMPLID
- HUSID: The process determines this value from External System ID record for the EMPLID, where the ID type is the same as that defined for HUSID on the HESA Types page. If HUSID does not exist, the process creates a new HUSID.
- NUMHUS (Student Instance Number): The process determines this value from the HESA Instance record as either Linked Career and Linked Career Number (if defined). Otherwise, it uses a combination of Career and Career Number as the NUHMUS value, that is ACAD_CAREER and STDNT_CAR_NBR. For example, UGRD1.
- COURSEID: If a sub-plan is selected as the run parameter, the process uses the Sub-Plan code as the COURSEID, If the subplan is not selected, the process uses the plan code.

If you provided an EMPLID for the Student ID run parameter, the process creates ITT Student entity records for only the selected EMPLID.

The Create Extract process selects External Degree records to derive the degree fields (such as DEGENDDT and DEGEST). If the student has multiple records, the process selects the most recent record.

If you have selected the Null Errors Only check box for the Include Student Entities on the Create Extract Data page, the process selects distinct EMPLIDs from the existing active ITT extract data, where at least one field in the Student or Course Subject extract data has a derived value of NULL ERROR. The process then selects Student entity records for these EMPLIDs.

If you have selected the Validation Errors Only check box for the Include Student Entities, the process first deletes any Validation Error staging records where EMPLID is blank. Then, it selects distinct EMPLIDs from the Validation Error staging table. The process selects Student entity records for these EMPLIDs. Finally, it deletes records from the Validation Error staging table where EMPLID is populated.

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Date of Birth (BIRTHDTE)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Biographical Details (Campus Community , Personal Information (Student), Add/Update a Person, Biographical Details)	Date of Birth

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the Biographical Details page in the format YYYY-MM-DD.
2. Derive as *NULL ERROR.*

Course Identifier (COURSEID)

Return: ITT

Entity: Student

Pages Used: None

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. If subplan is being reported to HESA, derive as COURSEID from the Academic Sub-Plan Table record.
2. If plan is being reported to HESA, derive as COURSEID from the Academic Plan Table record.

Course Title (CTITLE)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Plan HESA Data	Course Title
Sub-Plan HESA	HESA Course Title
Academic Plan Table (Set Up SACR, Foundation Tables, Academic Structure, Academic Plan Table)	Academic Plan
Academic Sub-Plan Table (Set Up SACR, Foundation Tables, Academic Structure, Academic SubPlan Table)	Academic Subplan

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

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1. Derive as the HESA Course Title value from the Sub-Plan HESA page.
2. If the Course Title field does not have a value, use a combination of the plan and subplan descriptions from the Academic Plan Table and Academic Sub-Plan Table pages (that is, .DESCR from PS_ACAD_PLAN_TBL + space + DESCR from PS_ACAD_SUBPLN_TBL).
3. Derive as the Course Title value from the Plan HESA Data page.
4. If the Course Title field does not have a value, use the plan description from the Academic Plan Table page (that is, DESCR from PS_ACAD_PLAN_TBL).

Start Date of Instance (COMDATE)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	Start Date of Instance

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use the following process to calculate the earliest class start date for enrolled classes related to the Instance being reported. This selection is similar to that done for StudentOnModule except that it is not restricted to classes overlapping the reporting period and considers enrollments for linked careers.
   a. Select all activated terms for the student career of the Instance.
   b. From each activated term, select classes that satisfy the following conditions:

      – Status = *Enrolled*

      – Units Taken value is greater than zero.

      – Grading basis value matches one of the values defined in the Grading Basis Inclusion region with the Extract check box selected on the HESA Configuration page.

      – Repeat Code value is null or does not match a value defined in the Repeat Code Exclusion region with the Extract check box selected on the HESA Configuration page.

      – If the student has multiple careers with the same Academic Career value as the career being processed (that is, the same career value with different career numbers), then apply a further filter to the class enrollments. In such a case, select the class only if the program value of the enrollment record is NULL or matches one of the program values in the Student Program records for that career and career number.
   c. If the Instance has been linked to a prior student career using the Linked Career and Linked Career Number fields in the HESA Instance record, then also consider classes for the previous career.
   d. Derive the earliest Class Start Date from all the selected classes as COMDATE.
3. Derive as the earliest Effective Date of the HESA Instance records.

Course Mode (CRMODE)

Return: ITT

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Entity: Student

Page Used:

Page	Page Element
HESA Instance	CRMODE

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Convert the MODE value to a CRMODE value as follows: if MODE = 01, 02, 12, 13, 14, 23, 24, 25, 63 or 73, derive as *1* (full-time) else derive as *2* (part-time).
3. Derive as *NULL*.

Previous Degree Country (DEGCTRY)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
External Organization Location (Campus Community, Organization, Create/Maintain Organizations, Organization Locations, Location Details, Location History)	Country
Nationality (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Nationality)	HESA Nationality

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period
- Student.ITTAIM = 110, 113, 020 or 031
- Student.DEGEST does not exist

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Derive from the External Organization Location page.

   Select the most recent External Education Organization record with a Degree status of *complete* associated with the current reporting period. Select the most recent effective dated location record, if there are multiple records.

   It is possible for the Ext Org to have multiple Location records with the same effective date. In this case, select the record with the lowest Location ID to determine the country.

   Use the mapping on the Nationality page to derive as the mapped HESA Nationality code. Otherwise, derive as the COUNTRY_2CHAR value if the mapping does not exist.
2. Use default.

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3. Derive as *NULL ERROR.*

The normal 2-character GB code is not valid for DEGCTRY. Therefore, if the value *GB* is derived, the system changes *GB* to the valid code *XK* (United Kingdom, not otherwise specified).

Previous Degree End Date (DEGENDDT)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Courses and Degrees (Student Admissions, Application/Transcript Loads, Education, Courses and Degrees)	Degree Date

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period.
- Student.ITTAIM = 110, 113, 020 or 031.

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Select the most recent External Education Degree record with a Degree status of complete associated with the current reporting period. Derive from the Courses and Degrees page for the selected record.
2. Use default.
3. Derive as NULL ERROR.

Previous Degree Establishment (DEGEST)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Region (Campus Community, Organization, Create/Maintain Organizations, Organization Table, Region)	HESA Degree Establishment

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period.
- Student.ITTAIM = 110, 113, 020 or 031.

Derive as NULL if the conditions are not met.

Derivation Steps:

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1. Select the most recent External Education Organization record associated with the current reporting period. Derive from the Region page for the selected record. Convert using 2-character code (COUNTRY_2CHAR) from the Country table (PS_COUNTRY_TBL).
2. Use default.
3. Derive as NULL.

Previous Degree Length in Years (DEGLENGTH)

Return: ITT

Entity: Student

Page Used: None

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period.
- Student.ITTAIM = 110, 113, 020 or 031.

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Select the most recent External Education Degree record with a Degree status of complete associated with the current reporting period. Derive as Degree Date minus From Date from the External Education record. Convert number of days to years and round off to the nearest year.
2. Use default.
3. Derive as NULL ERROR.

The previous degree length is derived as the nearest number in whole years.

Previous Degree Start Date (DEGSTDT)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
External Education (Student Admissions, Application/Transcript Loads, Education, External Education)	From Date

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period.
- Student.ITTAIM = 110, 113, 020 or 031.

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

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1. Select the most recent External Education Degree record with a Degree status of complete associated with the current reporting period. Derive from the External Education page for the selected record.
2. Use default.
3. Derive as NULL ERROR.

Previous Degree Type (DEGTYPE)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Degree Table (Setup SACR, Foundation Tables, Academic Structure, Degree Table)	HESA Degree Type

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period.
- Student.ITTAIM = 110, 113, 020 or 031.

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Select the most recent External Education Degree record with a Degree status of complete associated with the current reporting period. Derive from the Degree Table page for the selected degree.
2. Use default.
3. Derive as NULL ERROR.

Disability (DISABLE)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Person HESA Data	DISABLE
Impairment AUS (Campus Community, Personal Information, Health Information, Impairment AUS)	Type of Impairment
Disability (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Disability)	HESA Disability Code

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the Person HESA Data page.

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2. If the student has multiple impairment records in the Impairment AUS page, derive as *08* (multiple disabilities). If the student has a single impairment record, use the HESA Disability code from the mapping between the impairment type and the HESA disability code.
3. Use default.
4. Derive as *NULL ERROR.*

You can define a default as either *00* (no known disability) or *99* (not known).

Disabled Student Allowance (DISALL)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	DISALL
Impairment AUS (Campus Community, Personal Information, Health Information, Impairment AUS)	Support Services Request
Disability (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Disability)	HESA Disability Allowance

Field Derivation Rule: If related Student.DISABLE is between 02 and 96, derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If the student has a Support Services Request value defined on the Impairment AUS page, use the mapped HESA Disability Allowance code from the Disability page.
4. Use default.
5. Derive as *NULL ERROR.*

End Date of Instance (ENDDATE)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason Effective Date
HESA Action Reasons	Reason for Ending Instance Mapping

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Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. If the most recent effective dated Student Program record has Program Action/Reason values mapped to a HESA Reason for Ending Instance code on the HESA Action Reasons page, then derive the effective date of the record formatted to YYYY-MM-DD.
2. Derive as *NULL* with ReasonForNull attribute = *9*.

Ethnicity (ETHNIC)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Person HESA Data	ETHNIC
Ethnicity (Campus Community , Personal Information (Student), Biographical (Student), Personal Attributes, Ethnicity)	Regulatory Region, Ethnic Group
Ethnicity (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Ethnicity)	HESA Ethnic Code

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the Person HESA Data page.
2. Select Person Ethnicity records as follows:
   - If a single record exists, use that record.
   - If multiple records exist and one is marked as Primary on the Campus Community Ethnicity page, use that record.
   - If multiple records exist and none are marked as Primary, select the record with the highest Percentage defined in the Ethnicity Detail page.
   - If multiple records are indistinguishable, select the lowest alphabetic Ethnic Group code.
   - For the selected record, use the HESA Ethnic code from the mapping between the Ethnic Group, Regulatory Region, and the HESA Ethnic code. If no mapping exists, log an error message and skip to next step.
3. Use default.
4. Derive as *NULL ERROR*.

Forenames (FNAMES)

Return: ITT

Entity: Student

Page Used:

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Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	First Name Middle Name

Note. The First Name page element can accept a maximum of 30 characters.

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the First Name and Middle Name values from the Primary Name record.
2. Derive as *NULL* with ReasonForNull = *9*.

Fundability Code (FUNDCODE)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	FUNDCODE
Plan HESA Data	FUNDCODE
Sub-Plan HESA	FUNDCODE
HESA Instance	FUNDCODE

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Student.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as NULL ERROR.

HESA Unique Student Identifier (HUSID)

Return: ITT

Entity: Student

Page Used:

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Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Step:

1. Select External System ID records for the person with the External ID Type defined for HUSID in the HESA Types page.
2. If HUSID is not found, calculate using the following method:
   - First 2 digits: Year of entry into institution (last 2 digits of year, for example, 09 for 2009).
   - Next 4 digits: HESA Institution Identifier + 1000 (for example, QUB = 0184 which becomes 1184).
   - Next 6 digits: 6-digit reference number internally allocated by institution (this is a sequence number, institutions may need to manually increase the sequence number to avoid reusing the same number in the same year of entry).
   - Last digit: Check digit
3. Derive as NULL ERROR.

Positive Indication that self-certification complete (INDSLFCRT)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Entry Profile	INDSLFCRT

Field Derivation Rule: If Student.COMDATE is in the current reporting period, derive a value. Otherwise, derive as NULL ERROR.

Derivation Step:

1. Derive from the Entry Profile page.
2. Use default.
3. Derive as NULL ERROR.

As return is defined, the system does not derive Null. The system always returns a value, because the inclusion condition is always met and while selecting students for the extract, the system considers only those students for whom COMDATE is between reporting period start and end dates.

Independent Safeguarding Authority Registration Number (ISANUM)

Return: ITT

Entity: Student

Page Used:

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Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Determine from the External System ID records for the person with the External ID Type defined for ISANUM in the HESA Types page.
2. Derive as *NULL*.

ITT Qualification Aim (ITTAIM)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	ITTAIM
Plan HESA Data	ITTAIM
Sub-Plan HESA	ITTAIM

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. If subplan is being reported, derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as NULL ERROR.

Start Date of ITT Course (ITTCOMDATE)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	ITTCOMDATE

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

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1. Derive from the HESA Instance page.
2. Derive as the same value as Student.COMDATE.

ITT Phase/Scope (ITTPHSC)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	ITTPhase/Scope
Plan HESA Data	ITTPhase/Scope
Sub-Plan HESA	ITTPhase/Scope
HESA Instance	ITTPhase/Scope

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. Derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as NULL ERROR.

ITT Schemes (ITTSCHMS)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	ITTSCHMS
Plan HESA Data	ITTSCHMS
Sub-Plan HESA	ITTSCHMS
HESA Instance	ITTSCHMS

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.

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3. Derive from the Sub-Plan HESA page.
4. Derive from the Plan HESA Data page.
5. Derive from the Program HESA Data page.
6. Use default.
7. Derive as NULL ERROR.

Mode of Study (MODE)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program Offering/Year HESA	MODE (Program Year HESA Data group box)
Plan Offering/Year HESA	MODE (Plan Year HESA Data group box)
Sub-Plan Offering/Year HESA	MODE (Sub-Plan Year Data group box)
Student Program	Program Action Action Reason
Student Program	Acad Load
HESA Instance	MODE
Mode of Study (Records and Enrollment, HESA Reporting, Codes and Mappings, Code Mappings, Mode of Study)	HESA Mode of Study
HESA Action Reasons	Change of Mode Mapping

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Select the Student Program record that has Program Action/Reason values mapped to a HESA Mode in the HESA Action Reasons page. Derive the mapped HESA mode value.

   If the derived value is *73* or *74*, convert *73* to *63* and *74* to *64*.

   If the derived value is 02, 12, 13, 14, 23, 24 or 25 (that is, a sandwich placement year), 43, 65, 66, 67, 68, 69, then convert as *01*. If the derived value is 31, 32, 33, 34, 35, 36, 37, 38, 39, 44, then convert as *31*.
3. Select the academic load from the Student Program record. Derive the mapped HESA code for the selected academic load from the Mode of Study page.

   If the derived value is *73* or *74*, convert *73* to *63* and *74* to *64*.

   If the derived value is 02, 12, 13, 14, 23, 24 or 25 (that is, a sandwich placement year), 43, 65, 66, 67, 68, 69, then convert as *01*. If the derived value is 31, 32, 33, 34, 35, 36, 37, 38, 39, 44, then convert as *31*.
4. Derive as NULL ERROR.

National Insurance Number (NIN)

Return: ITT

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Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Determine from the External System ID records for the person with the External ID Type defined for NIN in the HESA Types page.
2. Derive as *NULL*.

Student Instance Identifier (NUMHUS)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	Instance Identifier Linked Career Linked Career Number Academic Career Student Career Nbr

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from HESA Instance page as Instance Identifier.
2. Derive from HESA Instance page as Linked Career + Linked Career Number.
3. Derive from HESA Instance page as Academic Career + Student Career Nbr, for example, UGRD1.

Institution's Own Identifier for Student (OWNSTU)

Return: ITT

Entity: Student

Pages Used: None

Field Derivation Rule: Include for all Student entities.

Derivation Step:

1. Derive as EMPLID.

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PGCE Class of Undergraduate Degree (PGCECLSS)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Entry Profile	PGCECLSS

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period
- Student.ITTAIM = 110,113, 020 or 031

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Use constant.
2. Derive from the Entry Profile page.
3. Use default.
4. Derive as NULL ERROR.

PGCE Subject of Undergraduate Degree (PGCESBJ)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Entry Profile	PGCESBJ PGCESBJ2 PGCESBJ3

Field Derivation Rule: Derive a value if the following conditions are met:

- Student.COMDATE is in the current reporting period
- Student.ITTAIM = 110,113, 020 or 031

Derive as NULL ERROR if the conditions are not met.

Derivation Steps:

1. Use constant to create a single PGCESBJ field.
2. Derive from the Entry Profile page.
3. Use default to create a single PGCESBJ field.
4. Derive a single PGCESBJ field as *NULL ERROR* .

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Note. The system can derive up to three values. Each of the values is included as a separate PGCESBJ field in the XML file.

Immediately Prior Surname (PSURNAME)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Surname

Field Derivation Rule: If the student has at least one Instance with REDUCEDI = 00, 01, or 04 derive a value. Otherwise, derive as NULL.

Derivation Steps:

1. Derive the previous Last Name from the Primary Name Type History table. This is done by finding the most recent end dated record in which last name is different from the current one.
2. Derive as *NULL*.

Reason for Ending Instance (RSNEND)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Student Program	Program Action Action Reason
HESA Action Reasons	Reason for Ending Instance Mapping

Field Derivation Rule: If Student.ENDDATE is completed, derive a value. Otherwise, derive as NULL ERROR.

Derivation Steps:

1. If the most recent effective dated Student Program record has Program Action/Reason values mapped to a HESA Reason for Ending Instance code on the HESA Action Reasons page, then derive the mapped HESA code value.
2. Derive as NULL ERROR.

Sex Identifier (SEXID)

Return: ITT

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Entity: Student

Page Used:

Page	Page Element
Biographical Details (Campus Community , Personal Information (Student), Add/Update a Person, Biographical Details)	Gender

Field Derivation Rule: Include for all Student entities.

Derivation Step:

1. Use the Gender value from the Biographical History record:
   - If the gender value is Male, derive as *1*.
   - If the gender value is Female, derive as *2*.
   - If the gender value is unknown, derive as *3*.
2. Use default.
3. Derive as *Null Error*.

Skills Test Number (SKILLTEST)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Determine from the External System ID records for the person with the External ID Type defined for SKILLTEST in the HESA Types page.
2. Derive as *NULL*.

Family Name on 16th Birthday (SNAME16)

Return: ITT

Entity: Student

Page Used:

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Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Last Name

Note. The Last Name page element can accept a maximum of thirty characters.

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the Last Name value from the Primary Name record. The last name must have a Type of Name value that corresponds with the Name Type set for SNAME16 on the HESA Types page.
2. Derive as *NULL*.

Expected Length of Study (SPLENGTH)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	SPLENGTH
Program Offering/Year HESA	SPLENGTH (Program Offering HESA Data group box)
Plan HESA Data	SPLENGTH
Plan Offering/Year HESA	SPLENGTH (Plan Offering HESA Data group box)
Sub-Plan HESA	SPLENGTH
Sub-Plan Offering/Year HESA	SPLENGTH (Sub-Plan Offering HESA Data group box)
HESA Instance	SPLENGTH

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Student.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Student.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL* with ReasonForNull = *9* .

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Family Name (SURNAME)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Last Name

Note. The Last Name page element can accept a maximum of thirty characters.

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the Last Name value from the Primary Name record.
2. Derive as NULL ERROR.

Title (TITLE)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
Names (Campus Community, Personal Information (Student), Add/Update a Person, Biographical Details, Names)	Name Title

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use the Name Title value from the Primary Name record.
2. Derive as *NULL* with ReasonForNull = *9*.

Teacher Reference Number (TREFNO)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

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Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for TREFNO in the HESA Types page.
2. Use default.
3. Derive as *NULL*.

Teacher Training Course (TTCID)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	TTCID
Plan HESA Data	TTCID
Sub-Plan HESA	TTCID

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Derive from the Sub-Plan HESA page.
2. Derive from the Plan HESA Data page.
3. Derive from the Program HESA Data page.
4. Use default.
5. Derive as NULL ERROR.

Unique Learner Number (ULN)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
External System ID	External System ID

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Select External System ID records for the person with the External ID Type defined for ULN in the HESA Types page.

   Validate the derived value using the checksum method. For information on the checksum method, refer to the Notes section for the ULN field available on the HESA website.

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2. Derive as *NULL*.

Units of Length (UNITLGTH)

Return: ITT

Entity: Student

Pages Used:

Page	Page Element
Program HESA Data	UNITLGTH
Program Offering/Year HESA	UNITLGTH (Program Offering HESA Data group box)
Plan HESA Data	UNITLGTH
Plan Offering/Year HESA	UNITLGTH (Plan Offering HESA Data group box)
Sub-Plan HESA	UNITLGTH
Sub-Plan Offering/Year HESA	UNITLGTH (Sub-Plan Offering HESA Data group box)
HESA Instance	UNITLGTH

Field Derivation Rule: Include for all Student entities.

Derivation Steps:

1. Use constant.
2. Derive from the HESA Instance page.
3. If Student.COURSEID is based on a subplan, derive from the Sub-Plan Offering/Year HESA page for the academic load of the student instance.
4. If Student.COURSEID is based on a subplan, derive from the Sub-Plan HESA page.
5. Derive from the Plan Offering/Year HESA page for the academic load of the student instance.
6. Derive from the Plan HESA Data page.
7. Derive from the Program Offering/Year HESA page for the academic load of the student instance.
8. Derive from the Program HESA Data page.
9. Use default.
10. Derive as *NULL* with ReasonForNull = *9*.

Year of Program (YEARPRG)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	Year of Program

Field Derivation Rule: Include for all Student entities.

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Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as NULL ERROR.

Year of Student on This Instance (YEARSTU)

Return: ITT

Entity: Student

Page Used:

Page	Page Element
HESA Instance	Year of Student

Include for all Student entities.

Derivation Steps:

1. Derive from the HESA Instance page.
2. Use default.
3. Derive as NULL ERROR.

ITT Return: Course Subject Entity

The Create Extract process creates a maximum of three Course Subject entity records for each Student entity.

Subject of ITT Course (SBJCA)

Return: ITT

Entity: Course Subject

Pages Used:

Page	Page Element
Program HESA Data	HESA Subject
Plan HESA Data	HESA Subject
Sub-Plan HESA	HESA Subject

Field Derivation Rule: Include for all Course Subject entities.

Derivation Steps:

1. Use constant.

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2. Derive from the Sub-Plan HESA page.
3. Derive from the Plan HESA Data page.
4. Derive from the Program HESA Data page.
5. Use default.
6. Derive as NULL ERROR.

For steps 2, 3, or 4, the process:

- Chooses the record that has the ITT Subject check box selected.
- Chooses the record with the greatest percentage, if multiple records have the ITT Subject check box selected.
- Chooses the first record in the alphabetical code order, if multiple records have the ITT Subject check box selected and have the same percentage.

DLHE Return: Institution Entity

The Create Extract Application Engine (SSR_HE_DATA) process creates a single Institution entity. The Institution entity is composed of two fields.

Record Type Indicator (RECID)

Return: DLHE

Entity: Institution

Pages Used:

Page	Page Element
Reporting Periods (Records and Enrollment, HESA Reporting, HESA Returns Setup, Reporting Periods)	Record Year
Returns (Records and Enrollment, HESA Reporting, HESA Returns Setup, Returns)	Record ID

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive as YYNNN, where YY is the final 2-digits of the Record Year (for example, 11 for 2011) and NNN is the 3-digit Record ID for the seeded return.

UK Provider Reference Number (UKPRN)

Return: DLHE

Entity: Institution

Pages Used:

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Page	Page Element
HESA Configuration	UKPRN

Field Derivation Rule: Include for all Institution entities.

Derivation Steps:

1. Derive from the HESA Configuration page.

DLHE Return: Student Entity

The Create Extract process creates a Student entity for each distinct DLHE survey record.

If at least one survey status has been defined on the HESA Returns page, then the process includes a survey only if the survey has a status value that matches one of the defined statuses. If you have not defined a survey status on the HESA Returns page, then the process includes the survey irrespective of status value. Use the Survey Management component to verify the status of a survey (Records and Enrollment, HESA Reporting, Destination of Leavers, Survey Management).

If you have selected the Null Errors Only check box for the Include Student Entities on the Create Extract Data page, the process selects distinct EMPLIDs from the existing active DLHE extract data, where at least one field in the Student, Employment, Study, or Teaching extract data has a derived value of *NULL ERROR*. The process then selects the survey records for these EMPLIDs. If a student has more than one survey record, then the process selects all the student's surveys if any of them has any *NULL ERROR* values.

If you have selected the Student Override check box, the process considers the survey records for only the EMPLIDs you have selected.

All Activities – Q1 (ALLACT1)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section A) self-service	Q1 – Activities check box 1

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. If the check box is selected, derive as *1*.
2. If none of the check boxes has been selected (that is, Student.ALLACT2 to Student.ALLACT8 are all derived as NULL) and Student.STATUS = *07* or *08*, derive as *X*.
3. If none of the check boxes has been selected (that is, Student.ALLACT2 to Student.ALLACT8 are all derived as NULL), derive as *NULL ERROR*.

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4. Derive as null.

All Activities – Q1 (ALLACT2-8)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section A) self-service	Q1 – Activities check boxes 2 to 8

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive as follows:
   - ALLACT2 - Derive as *2* if the check box is selected.
   - ALLACT3 - Derive as *3* if the check box is selected.
   - ALLACT4 - Derive as *4* if the check box is selected.
   - ALLACT5 - Derive as *5* if the check box is selected.
   - ALLACT6 - Derive as *6* if the check box is selected.
   - ALLACT7 - Derive as *7* if the check box is selected.
   - ALLACT8 - Derive as *8* if the check box is selected.
2. Derive as null.

April or January Survey (APRJAN)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Survey Details	Survey

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record, either *1* or *2*.

Higher Education experience for business – Q31 (HEBUSNEXP)

Return: DLHE

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Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section E) self-service	Q31

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. If Student.STATUS = 03, 05, 06, 07 or 08, derive as *6* (unable to code).
3. Derive as *NULL ERROR*.

Higher Education experience for study – Q30 (HESTUDYEXP)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section E) self-service	Q30

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. If Student.STATUS = 03, 05, 06, 07 or 08, derive as *6* (unable to code).
3. Derive as *NULL ERROR*.

Higher Education experience for work – Q29 (HEWORKEXP)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section E) self-service	Q29

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

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1. Derive from the survey record.
2. If Student.STATUS = 03, 05, 06, 07 or 08, derive as *6* (unable to code).
3. Derive as *NULL ERROR.*

HESA unique student identifier (HUSID)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Survey Details	HUSID

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.

Most important activity – Q1 (MIMPACT)

Return: DLHE

Entity: Student

Page Used:

Page	Page Element
Enter DLHE Survey (Section A) self-service	Q1 – Most important option

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. If a Most important option has been selected, derive the value from *1* to *8* (depending on which Most important option is selected).
2. If Student.STATUS = 07 or 08, derive as *X* (ineligibility or explicit refusal).
3. Derive as *NULL ERROR.*

Status of data collection (STATUS)

Return: DLHE

Entity: Student

Page Used:

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Page	Page Element
Survey Details	Survey Method

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. Use default value (this is derived from the HESA Fields page not from the Survey Status value on the HESA Returns page).
3. Derive as *NULL ERROR*.

DLHE Return: Employment Entity

A single Employment entity is included in each Student entity.

Employment basis – Q5 (EMPBASIS)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q5

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record (01 to 10).
2. If Student.STATUS = 03, 05 or 06 and either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derived as *99* (unknown).
3. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
4. Derive as null.

Country of employment – Q11 (EMPCOUNTRY)

Return: DLHE

Entity: Employment

Page Used:

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Page	Page Element
Enter DLHE Survey (Section B) self-service	Q11 – Employment Country *

* Not available in student self-service. The system displays this field only when you access the self-service page by clicking the Enter Survey button on the Survey Management page.

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. If Employment.EMPPCODE is null and either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Importance to employer – Q13 (EMPIMP)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q13

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record *(1, 2, 4, 5* or *8).*
2. If Employment.QUALREQ = 11 or 12 and either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Employer name – Q9 (EMPNAME)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q9

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

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1. Derive from the survey record.
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

UK Postcode for place of employment – Q11 (EMPPCODE)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q11 – Postcode (UK only)

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. Derive as null.

Note. The system derives the Employment.EMPPCODE field prior to the derivation of Employment.EMPCOUNTRY.

Place of employment – Q11(EMPPLACE)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q11 – Town/city/area

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from the survey record.
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Unpaid work – Q6 (EMPUNPAID)

Return: DLHE

Entity: Employment

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Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q6 – Unpaid Work

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. If Employment.SALARY is null, derive from survey record *(1* if Unpaid Work check box is selected)
2. If Employment.SALARY is null and either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Total estimated earnings for a year – Q8 (ESTEARN)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q8

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record if the value is greater than zero.
2. If Employment.JOBSNO is in range 2 to 9 and either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

Note. The system applies a validation on the survey page to ensure that any non-zero value supplied is not less than the value supplied for Salary (Q6).

Job duties – Q4 (JOBDUTIES)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q4

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Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If either Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

How found job – Q15 (JOBFOUND)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q15

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (01 to 09).
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

All reasons for taking the job – Q14 (JOBRSNALL1)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q14 – Reasons check box 1

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive as *01* if the check box has been selected.
2. If none of the check boxes has been selected and either Student.ALLACT1 = 1 or Student.ALLACT2 =2, derive as *NULL ERROR.*
3. Derive as null.

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All reasons for taking the job – Q14 (JOBRSNALL2 to 9)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q14 – Reasons check boxes 2 to 9

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive as follows:
   - JOBRSNALL2 - Derive as *02* if the check box is selected.
   - JOBRSNALL3 - Derive as *03* if the check box is selected.
   - JOBRSNALL4 - Derive as *04* if the check box is selected.
   - JOBRSNALL5 - Derive as *05* if the check box is selected.
   - JOBRSNALL6 - Derive as *06* if the check box is selected.
   - JOBRSNALL7 - Derive as *07* if the check box is selected.
   - JOBRSNALL8 - Derive as *08* if the check box is selected.
   - JOBRSNALL9 - Derive as *09* if the check box is selected.
2. Derive as null.

Main reason for taking the job – Q14 (JOBRSNMAIN)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q14 – Main reason

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (01 to 09).
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

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Note. There is validation on the self-service page to ensure that the option selected for Main reason has also been selected as one of the Reasons.

Number of jobs – Q2 (JOBSNO)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q2

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record if greater than 1 (2 to 9).
2. Derive as null.

Note. There is validation on the self-service page to ensure the value entered is greater than 1. In step 1, the value is checked to ensure that zero is not derived.

Job title – Q3 (JOBTITLE)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q3

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

Nature of employer's business – Q10 (MAKEDO)

Return: DLHE

Entity: Employment

Page Used:

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Page	Page Element
Enter DLHE Survey (Section B) self-service	Q10

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*.
3. Derive as null.

Postdoctoral research contract – derived from Q3 and Q4 (POSTDOC)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Postdoctoral Research Contract *

* Not available in student self-service. The system displays this field only when you access the self-service page by clicking the Enter Survey button on the Survey Management page.

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1, 2 or 3).
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*.
3. Derive as null.

Previously employed – Q16 (PREVEMP)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q16

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

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1. Derive from survey record (1, 2, 3, or 4).
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Category of previous employment – Q17 (PREVWORK1)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q17 – check box 1

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive as *01* if the check box has been selected.
2. If none of the check boxes has been selected and Student.ALLACT1 = 1 or Student.ALLACT2 =2, and Employment.PREVEMP is 1, 2 or 3, derive as *NULL ERROR.*
3. Derive as null.

Category of previous employment – Q17 (PREVWORK2 to 7)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q17 – check boxes 2 to 7

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive as follows:
   - PREVWORK2 - Derive as *02* if the check box is selected.
   - PREVWORK3 - Derive as *03* if the check box is selected.
   - PREVWORK4 - Derive as *04* if the check box is selected.
   - PREVWORK5 - Derive as *05* if the check box is selected.
   - PREVWORK6 - Derive as *06* if the check box is selected.
   - PREVWORK7 - Derive as *07* if the check box is selected.
2. Derive as null.

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Part-time hours per week – Q7 (PTHOURS)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q7

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record if value is greater than zero
2. If Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

Qualification required for job – Q12 (QUALREQ)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q12

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (11, 12, 13 or 14).
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR.*
3. Derive as null.

Salary – Q6 (SALARY)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Q6 - £

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Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record if the value is greater than zero.
2. Derive as null.

Note. The system derives the Employment.SALARY field prior to Employment.EMPUNPAID and Employment.ESTEARN. Because a value is required for either Employment.SALARY or Employment.EMPUNPAID when Student.ALLACT = 1 or 2, Employment.EMPUNPAID is derived as *NULL ERROR* if Student.ALLACT is 1 or 2 and Employment.SALARY is null.

Standard Occupational Classification 2010 - derived from Q3 and Q4 (SOCDLHE2010)

Return: DLHE

Entity: Employment

Page Used:

Page	Page Element
Enter DLHE Survey (Section B) self-service	Occupational Classification *

* Not available in student self-service. The system displays this field only when you access the self-service page by clicking the Enter Survey button on the Survey Management page.

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT1 = 1 or Student.ALLACT2 = 2, derive as *NULL ERROR*
3. Derive as null.

DLHE Return: Teaching Entity

A single Teaching entity is included in each Student entity.

Employed as teacher – Q18 (EMPLDTEACH)

Return: DLHE

Entity: Teaching

Page Used:

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Page	Page Element
Enter DLHE Survey (Section C) self-service	Q18
Enter DLHE Survey (Section C) self-service	Newly qualified teacher status – check box

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1 or 2).
2. If the check box is selected, derive as *NULL ERROR*
3. Derive as null.

GTC Scotland Teacher Induction scheme – Q19 (GTCSTIS)

Return: DLHE

Entity: Teaching

Page Used:

Page	Page Element
HESA Returns	Country
Enter DLHE Survey (Section C) self-service	Q19
Enter DLHE Survey (Section C) self-service	Newly qualified teacher status – check box

Field Derivation Rule: Include for all survey records in a DLHE return only if Country in HESA Returns page = Scotland.

Derivation Steps:

1. Derive from survey record (1 or 2).
2. If the check box is selected and Teaching.EMPLDTEACH = *1*, derive as *NULL ERROR*
3. Derive as null.

Seeking a teaching post – Q22 (SEEKTEACH)

Return: DLHE

Entity: Teaching

Page Used:

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Page	Page Element
Enter DLHE Survey (Section C) self-service	Q22
Enter DLHE Survey (Section C) self-service	Newly qualified teacher status – check box

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1 or 2).
2. If the check box is selected and Teaching.EMPLDTEACH = *2*, derive as *NULL ERROR*
3. Derive as null.

Teaching funded – Q20 (TEACHFUND)

Return: DLHE

Entity: Teaching

Page Used:

Page	Page Element
Enter DLHE Survey (Section C) self-service	Q20
Enter DLHE Survey (Section C) self-service	Newly qualified teacher status – check box

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1, 2, 3, or 4).
2. If the check box is selected and Teaching.EMPLDTEACH = *1*, derive as *NULL ERROR*
3. Derive as null.

Teaching phase – Q21 (TEACHPHS)

Return: DLHE

Entity: Teaching

Page Used:

Page	Page Element
Enter DLHE Survey (Section C) self-service	Q21
Enter DLHE Survey (Section C) self-service	Newly qualified teacher status – check box

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Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1, 2, 3, or 4).
2. If the check box is selected and Teaching.EMPLDTEACH = *1*, derive as *NULL ERROR*
3. Derive as null.

DLHE Return: Study Entity

A single Study entity is included in each Student entity.

Course name – Q25 (COURSENAME)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q25

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (1, 2, 3, or 4).
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR*
3. Derive as null.

Number of courses – Q23 (COURSENO)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q23

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record if the value is greater than zero.

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2. Derive as null.

Note. The survey self-service page ensures that any value entered is equal or greater than 2.

JACS 3.0 – derived from Q25 and Q26 (JACS)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	JACS Subject *

* Not available in student self-service. The system displays this field only when you access the self-service page by clicking the Enter Survey button on the Survey Management page.

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR*
3. Derive as null.

How funding further study – Q28 (STUDYFUND)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q28

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (01, 02, 03, 04 or 05).
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR.*
3. Derive as null.

Subject of study, training or research – Q26 (SUBJECT)

Return: DLHE

Entity: Study

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Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q26

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR*.
3. Derive as null.

Type of qualification – Q24 (TYPEQUAL)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q24

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record (01 to 07 or 98).
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR*.
3. Derive as null.

Name of university or college – Q27 (UCNAME)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q27

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.

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2. If Study.UCPROV is 1, 2, 3, 4, 5 or NULL ERROR, derive as *NULL ERROR*
3. Derive as null.

Note. The system derives this field as null if Study.UCPROV is derived as *6* (unknown) or null and the institution name is not provided for Q27.

University or college providing study – Derived from Q27 (UCPROV)

Return: DLHE

Entity: Study

Page Used:

Page	Page Element
Enter DLHE Survey (Section D) self-service	Q27 *

* Not available in student self-service. The system displays this field only when you access the self-service page by clicking the Enter Survey button on the Survey Management page.

Field Derivation Rule: Include for all survey records in a DLHE return.

Derivation Steps:

1. Derive from survey record.
2. If Student.ALLACT5 = 5 or Student.ALLACT6 = 6, derive as *NULL ERROR*
3. Derive as null.

Note. The system derives this field prior to Study.UCNAME

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