

## DATA FUTURES ALPHA PILOT SCENARIOS

### 1-YEAR POSTGRADUATE CERTIFICATE IN EDUCATION LEADING TO QTS- ENGLISH PROVIDER

#### Characteristics

##### Provider:

- English
- Publicly funded

##### Student:

- Previously completed a first degree at another provider
- Highest qualification on entry is a first degree
- Not incoming/exchange
- Not disabled
- No changes to person characteristics during the lifetime of the course
- Fees of £9250 for the course covered by student loan
- In receipt of DfE bursary
- Permanent home address in England

##### Pattern of study:

- Starts and ends the Course session on the planned dates
- Starts and completes all modules on the planned dates
- Completes a placement at two schools during the course
- No breaks in learning
- No interim awards
- Achieves qualification aim with no delay

#### Activity in each reference period

##### Year 1, reference period 1 (page 3)

- Student registers and begins studying on one taught module and one placement module

##### Year 1, reference period 2 (page 15)

- Student completes the first taught module and the placement module
- Student begins and completes the second taught module

##### Year 1, reference period 3 (page 17)

- Student starts the second placement module
- Student completes the second placement module
- Student registration ends and the qualification is awarded with QTS

## Key stages

Return Student (incl. Person identifiers)	3
Return Person address	4
Return Personal characteristics	5
Return Entry qualifications	6
Return Engagement	7
Return Student registration	8
Return Financial support information	9
Create Student course session	10
Return Student course session mode	11
Return fee information	12
Assign the Student to a Module	14, 17, 16
Return placement information	15, 19
Return Module outcomes for completed Module instances	16, 17, 20
Close Student course session	21
Return Leaver and qualification awarded information	22
Return Email address	23



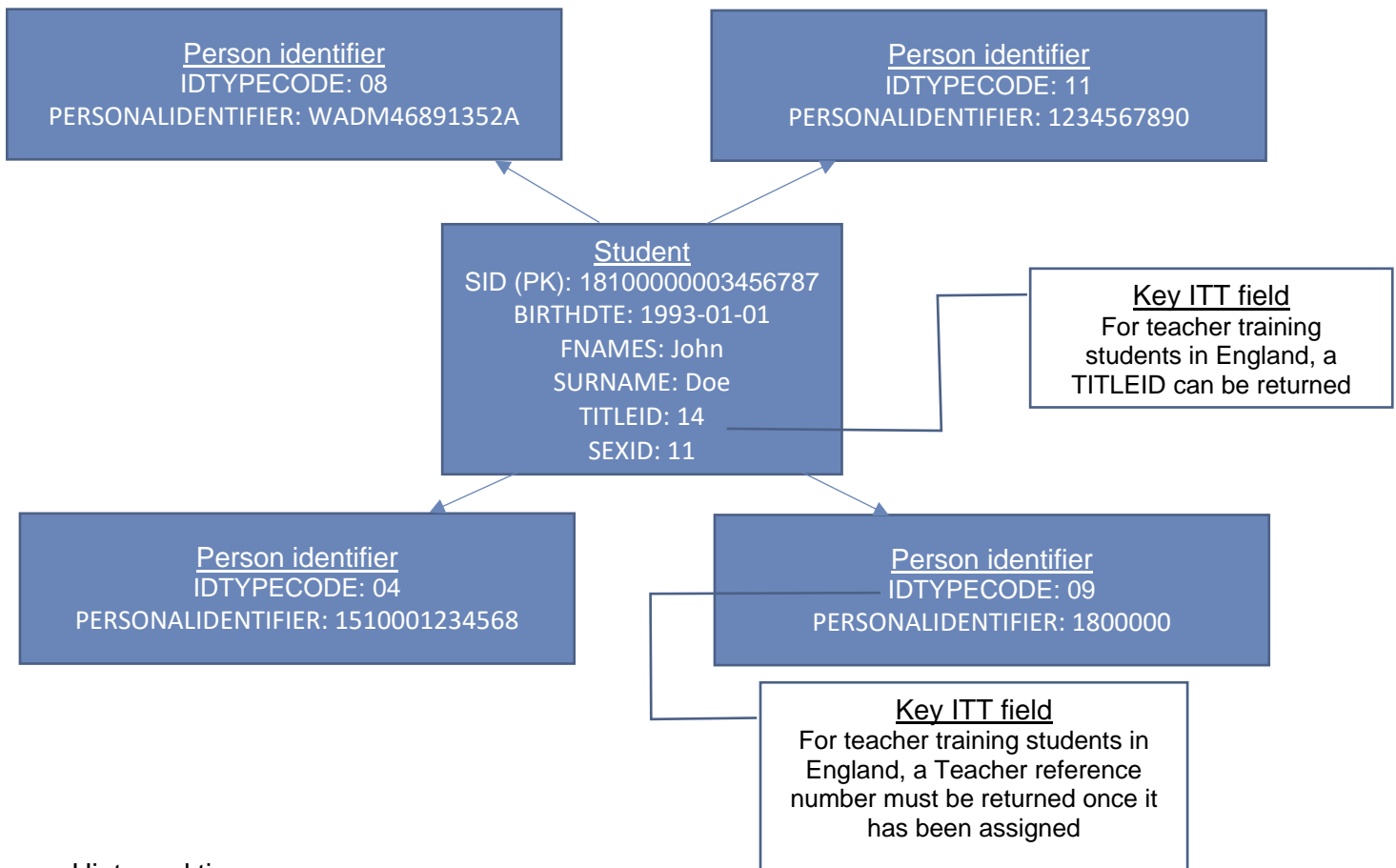
## Year 1 reference period 1

Before the student can be associated with the relevant curriculum data, information about the student and their registration must be returned.

### 1. Return Student

Minimum data required:

- Student
- Person identifiers for SSN and UCASPERID, teacher reference number and persistent HUSID



Hints and tips:

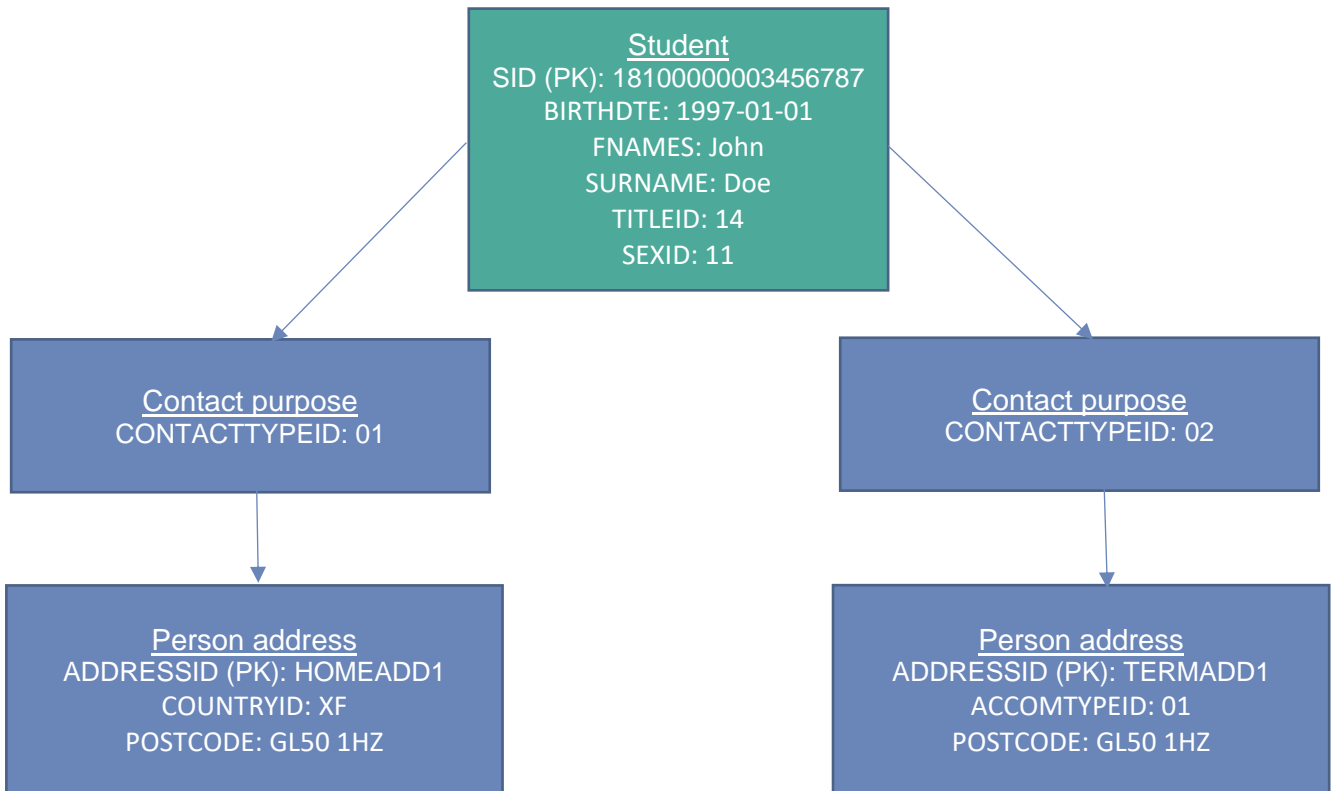
- The SID must be a unique identifier for the Student within the HEP
- A Person identifier entity must be returned for each identifier the student is in coverage for. There is also an optional OWNSTU identifier type for providers to return their own student identifier(s) if required
- If the student has previously been returned to HESA, the persistent HUSID should be returned (IDTYPECODE=04). The persistent HUSID will have been assigned to students when they were first returned to HESA and allows the student to be tracked between providers. If the student was assigned a HUSID ahead of the launch of Data Futures, a HUSID in the old format can be returned.

Year 1 reference period 1

## 2. Return Person Address

Minimum data required:

- Person address for permanent home and term time address



Hints and tips:

- ADDRESSID must be a unique identifier for the Person address within the Contact purpose. Two Person address entities can have the same ADDRESSID provided they are associated with different Contact purpose entity.
- A permanent home address is required for all students.
- A term time address is required for students who are not on a placement for studying abroad for the full Course session. The student will be on placement for a proportion of the year but will be in attendance at the provider as well and so a term time postcode is required.

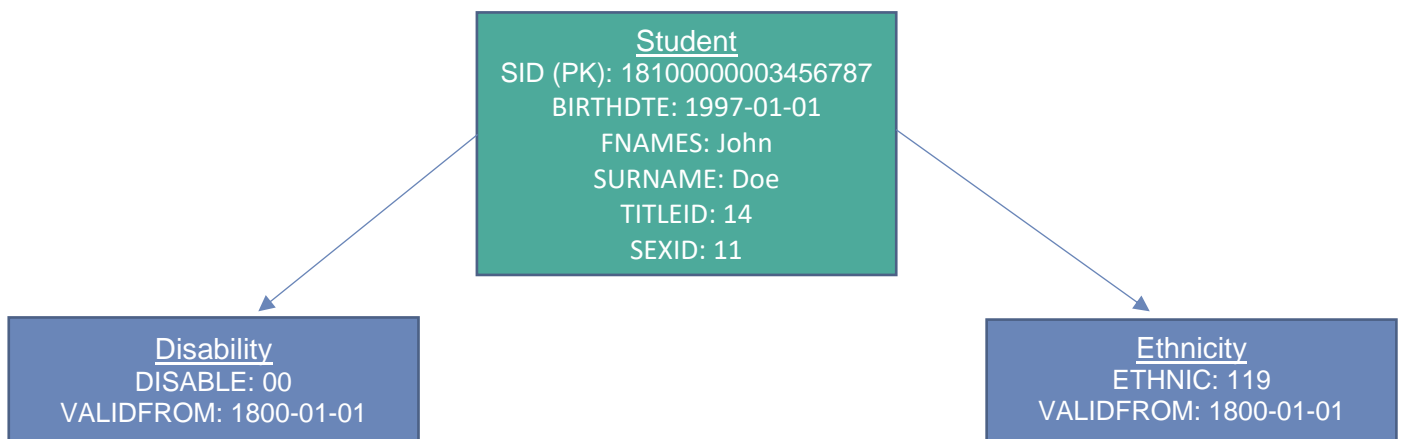
## Year 1 reference period 1

### 3. Return person characteristics

The characteristics required to be returned depend upon the country of the provider and the student's characteristics. For this student the required characteristics are:

- CareLeaver
- Disability
- Ethnicity
- Nationality
- Religion
- Service leavers

Each Person characteristics has a separate entity. A couple of example are shown below.



#### Hints and tips:

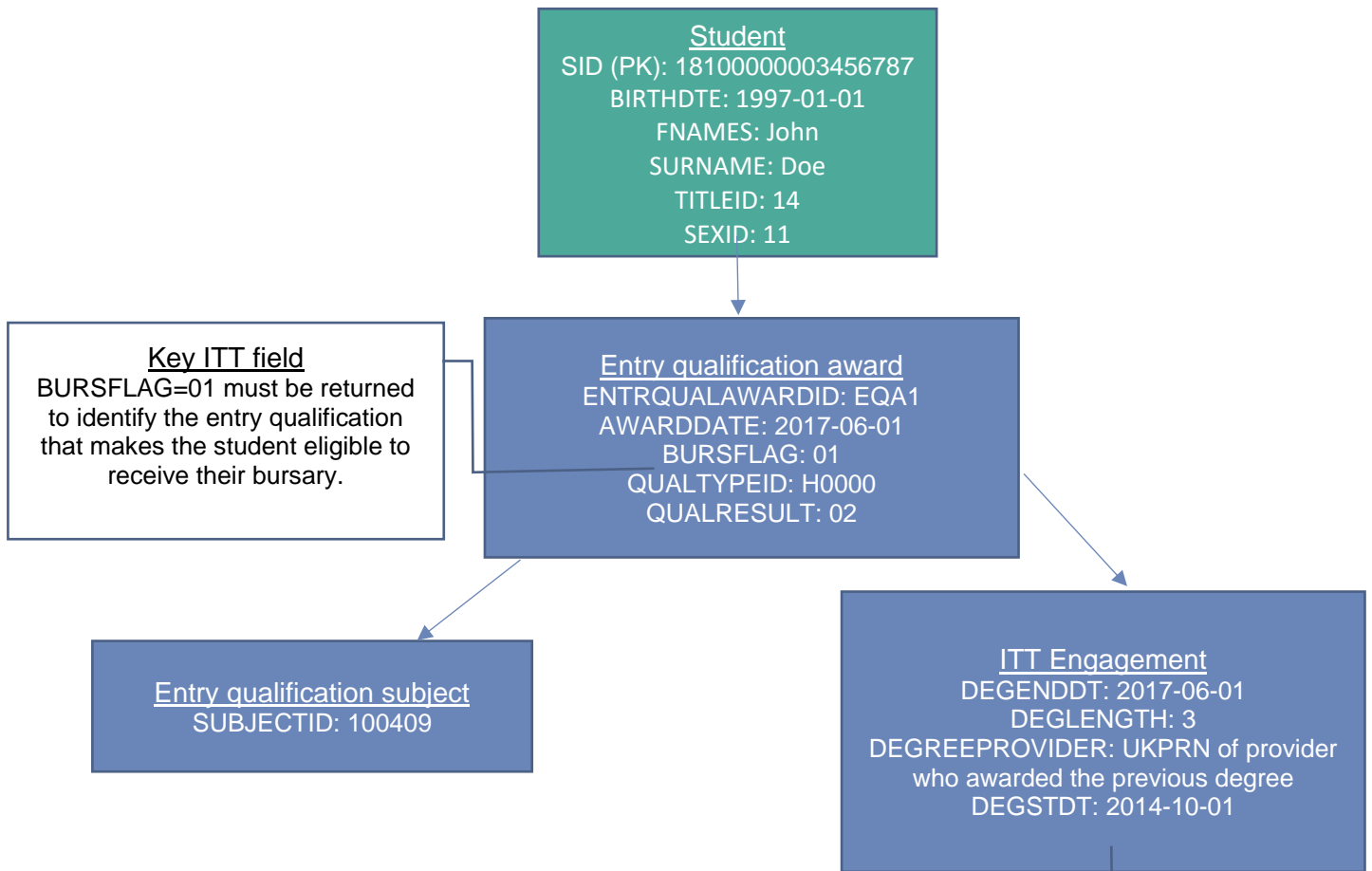
- The first time a characteristic is returned, the valid from date is not applicable and so the default date of 1800-01-01 can be returned.
- When updating a person characteristic, it is important to return the old value again with a 'valid to' date and the new value with a 'valid from' date ensuring that the dates for the different codes do not overlap.
- When correcting a person characteristic, the original value must be deleted, and the revised value returned.
- Most characteristics can only have one current value, the exceptions are Disability and National identity both of which can have two current values.

Year 1 reference period 1

**4. Return entry qualifications**

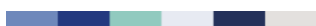
Minimum data required:

- Entry qualification award
- Entry qualification subject
- ITT Engagement

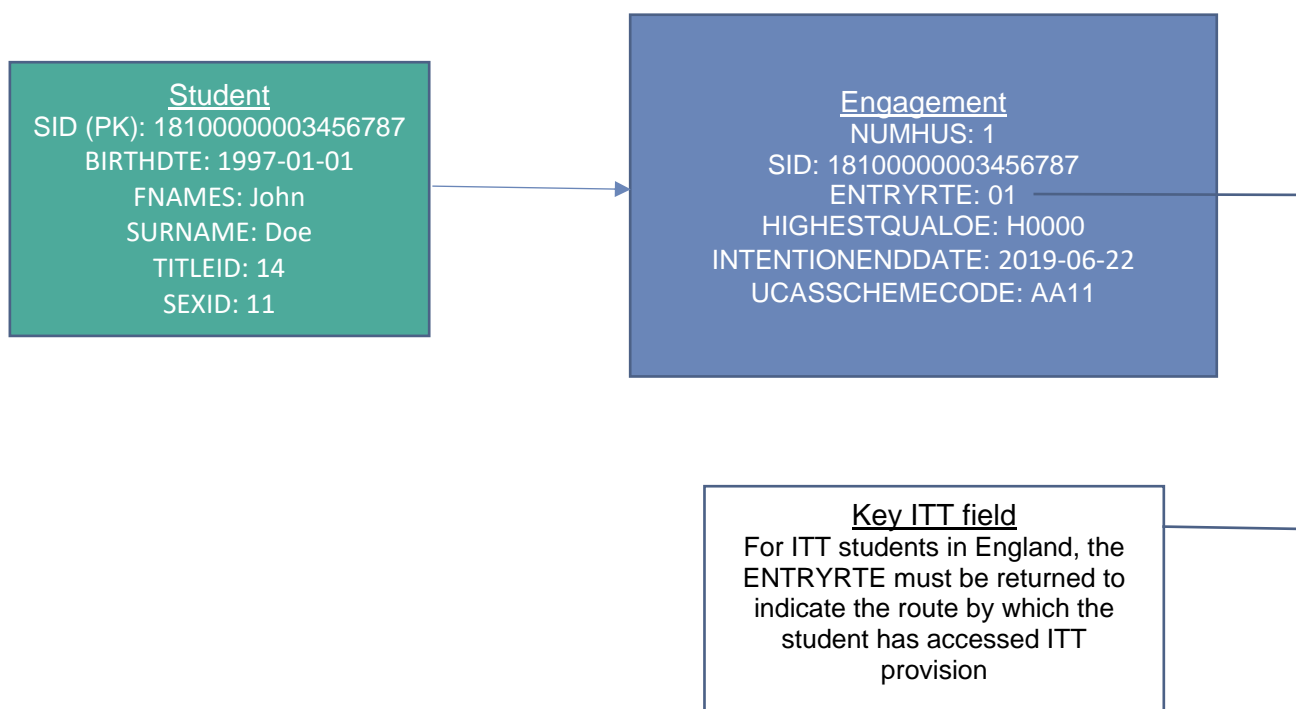


Hints and tips:

- For postgraduate ITT students in England, information must be returned regarding their undergraduate qualification(s)
- The minimum data required is the student's first degree and the degree which made them eligible to receive their bursary. In this scenario, this is the same qualification.
- This additional data is required by the DfE and will be used to validate that the bursary awarded to the student is correct based on the qualification that has BURSFLAG=01.



## 5. Return Engagement

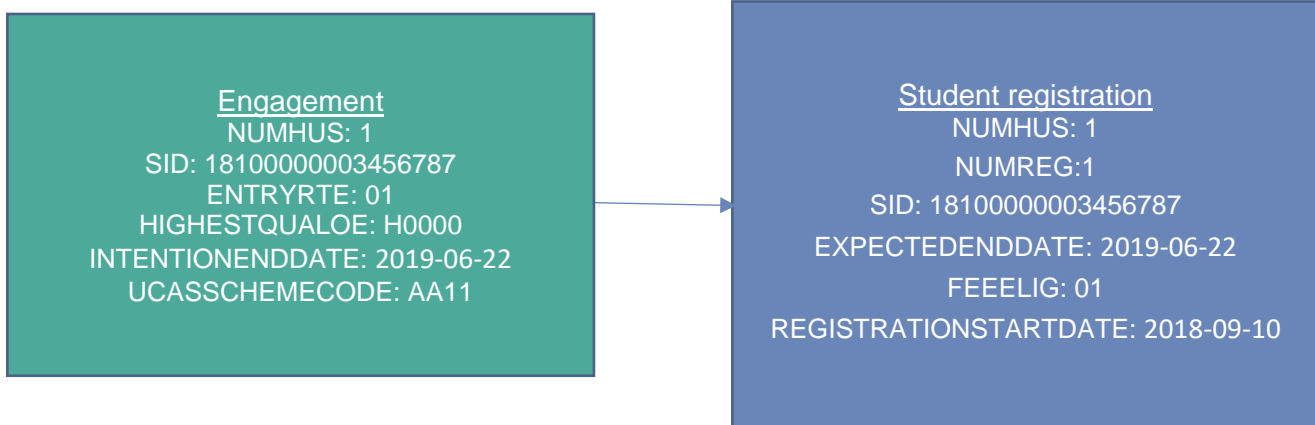


### Hints and tips:

- The Engagement records a student's coherent engagement with a provider with the aim of achieving a qualification or credits
- The NUMHUS must be a unique identifier for the Engagement within a student. Two Engagements can have the same NUMHUS provided they are associated with a different Student
- The combination of the SID and NUMHUS therefore uniquely identifies an individual Engagement
- The student has accessed ITT provision through a provider led route so ENTRYRTE=01 must be returned
- Where the student's study intention is the same aim as the Course delivery they will be studying on, the STUDYINTENTION field does not need to be returned.

Year 1 reference period 1

## 6. Return Student registration



### Hints and tips:

- The Student registration records the contract to educate between the student and provider
- The NUMREG must be a unique identifier for the Student registration within an Engagement. Two Student registrations can have the same NUMREG provided they are associated with a different Engagement
- The combination of SID, NUMHUS and NUMREG uniquely identifies a specific Student registration

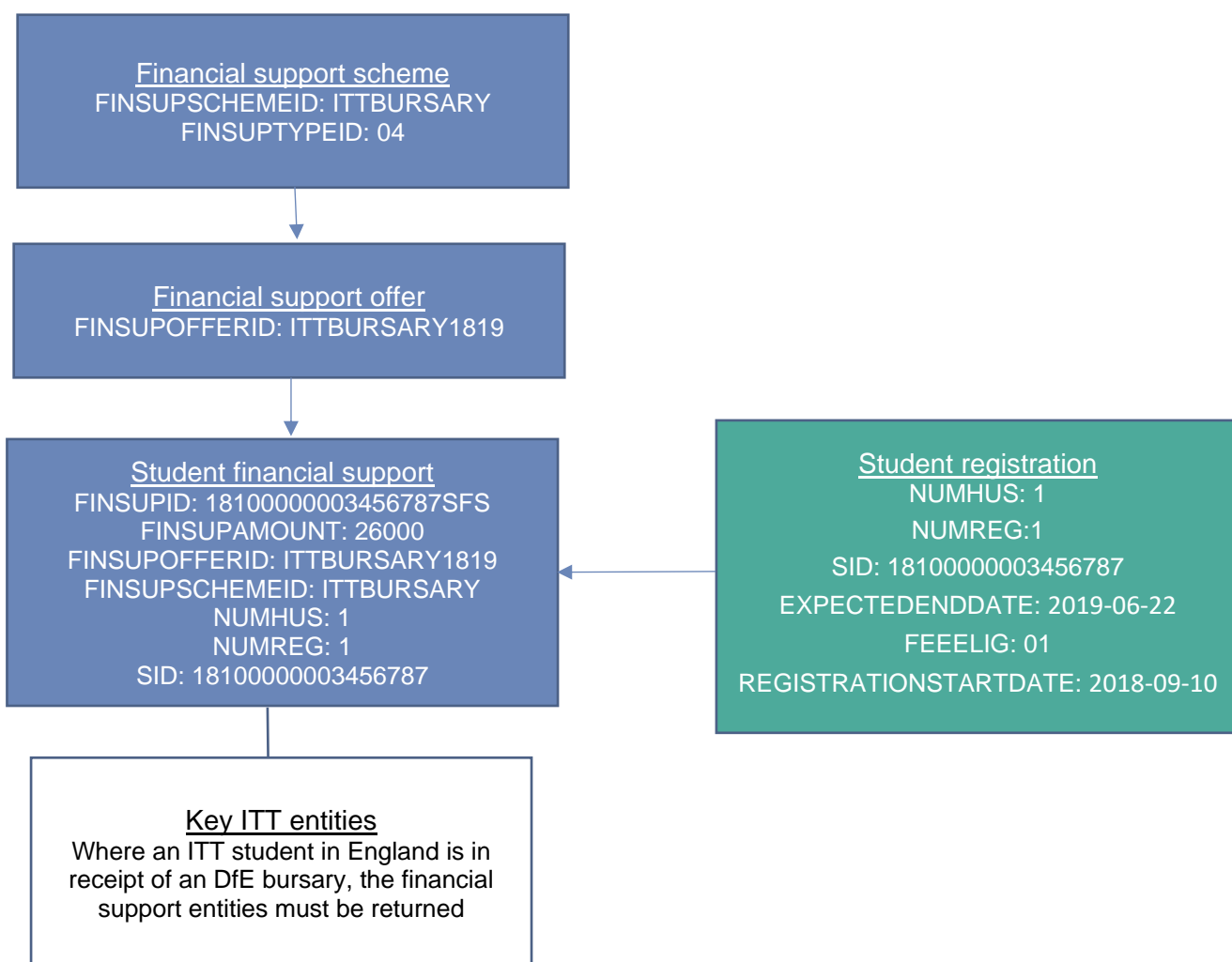


Year 1 reference period 1

## 7. Return financial support information

Minimum data required:

- Financial support scheme
- Financial support offer
- Student financial support



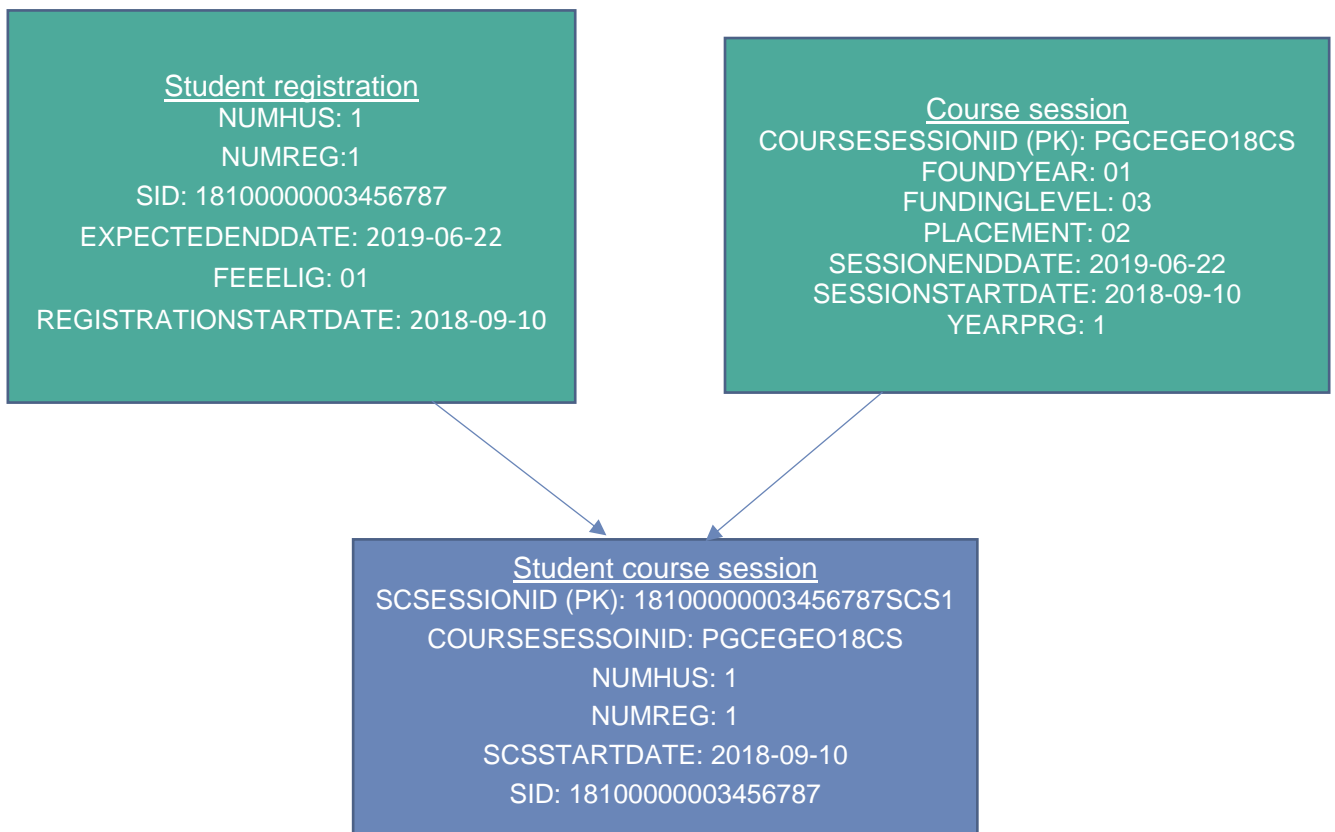
Hints and tips:

- The financial support type indicates the student is in receipt of an ITT Bursary
- The bursary is awarded based on the student's entry qualifications and so the Student financial support would be associated with the Student registration. The SID, NUMHUS and NUMREG would therefore need to be returned on the Student financial support entity
- FINSUPAMOUNT records the amount the student received.

## Year 1 reference period 1

Now that curriculum data and details of the student's registration have been returned, the two are linked together via a Student course session

### 1. Return the Student course session



#### Hints and tips:

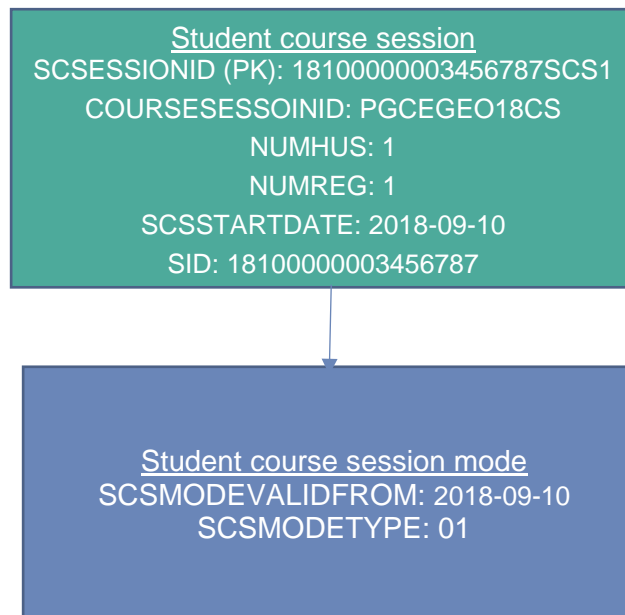
- The Student course session records a specific student's engagement with a Course session
- The SID, NUMHUS and NUMREG must be returned in order to identify the Student registration that the Student course session is associated with
- The COURSESESSIONID must be returned to identify the Course session that the Student course session is associated with
- The SCSESSIONID must be a unique identifier for the Student course session. Two Student course sessions must not have the same SCSESSIONID even if they are associated with a different Student registration and/or Course session

Year 1 reference period 1

## 2. Return Student course session mode

Minimum data required:

- Student course session mode



Hints and tips:

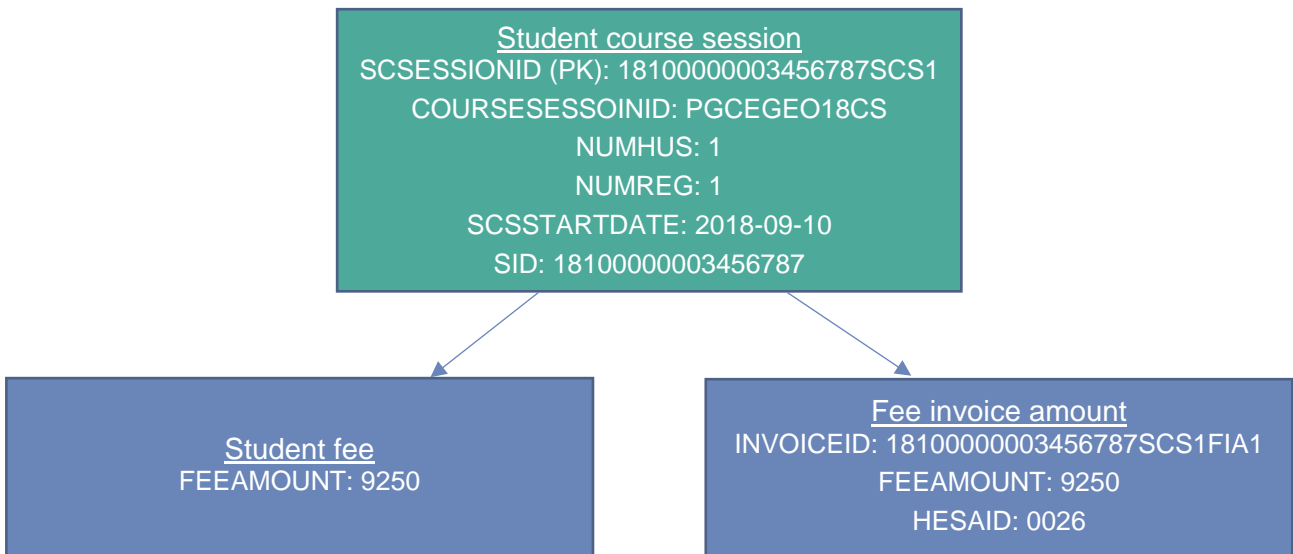
- Each Student course session must have a Student course session mode entity returned to confirm the student's mode.
- The entity has valid from the to dates to record when the mode is valid. For the mode that is valid at the start of the Student course session, the valid from date would align with the start of the Student course session.
- If the mode does not change, a valid to date does not need to be returned.

Year 1 reference period 1

### 3. Return fee information

Minimum data required:

- Student fee
- Fee invoice amount



Hints and tips:

- The Student fee entity records the maximum fee the student could be charged for the Student course session.
- If the HEP charges fees on a modular basis, the Student module fee entity can be returned (instead of Student fee) to return the maximum fee for each module
- The INVOICEID must be a unique identifier for the Fee invoice amount within the Student course session. More than one Fee invoice amount entity can have the same INVOICEID provided they are associated with a different Student course session
- The Fee invoice amount records the amount that was invoiced for the Student course session. This may therefore be lower than the amount recorded in Student fee if the student receives any fee waivers for example.
- The HESAID records who the fee was invoiced to, in this case this is the Student loans company. If the fee is charged to more than one organisation, the Fee invoice amount entity would be returned more than once. In this scenario, the full fee for the Student course session is charged to the Student loans company and so only one Fee invoice amount entity is required.

Year 1 reference period 1

#### 4. Return Funding and monitoring information

Minimum data required:

- Funding and monitoring
- Funding body

Student course session  
SCSESSIONID (PK): 1810000000345678SCS1  
COURSESESSOINID: PGCEGEO18CS  
NUMHUS: 1  
NUMREG: 1  
SCSSTARTDATE: 2018-09-10  
SID: 18100000003456787

Funding and monitoring  
ALLPLACE: 01  
ELQ: 03

Funding body  
FUNDINGBODY: 0020

Key ITT field  
For ITT students in England, the ALLPLACE field must be returned to indicate whether the associated Student course session is part of a programme using an ITT place allocated by the DfE

Hints and tips:

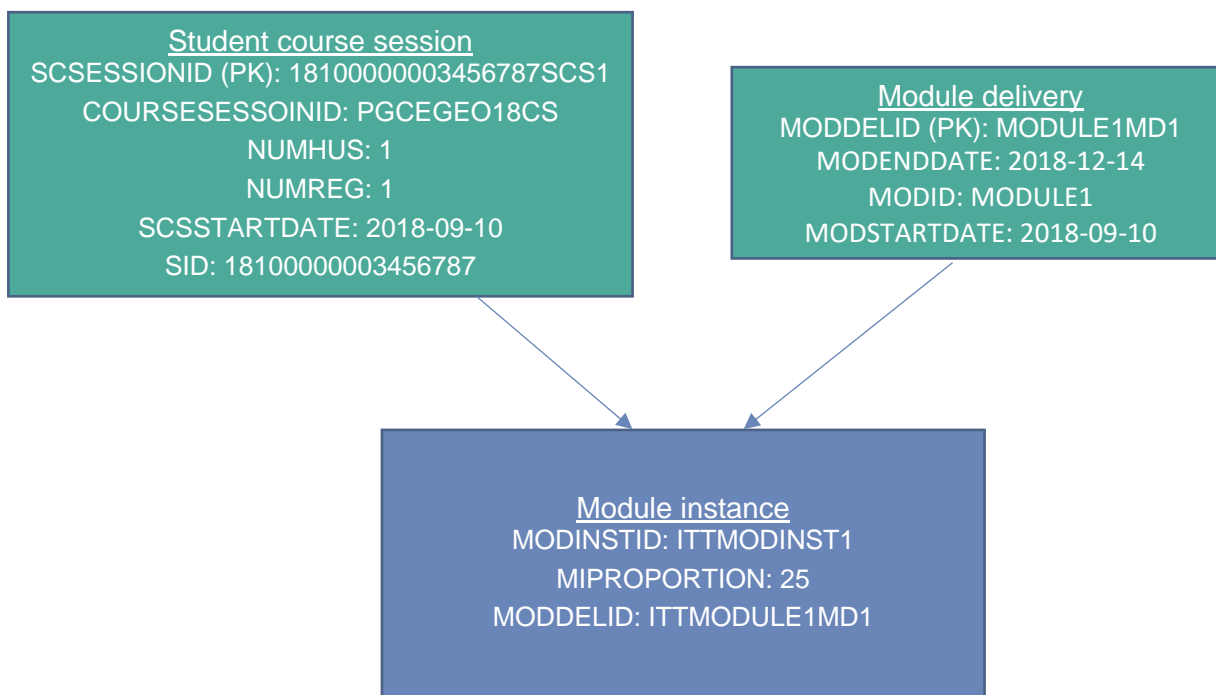
- The Funding and monitoring entity contains key information required by regulatory or funding bodies. This only needs to be returned where the student falls into the coverage of one or more of the fields.
- The Funding body entity records the funding body for Student course sessions that are eligible to receive funding.

Year 1 reference period 1

## 5. Assign the student to a module

Minimum data required:

- Module instance



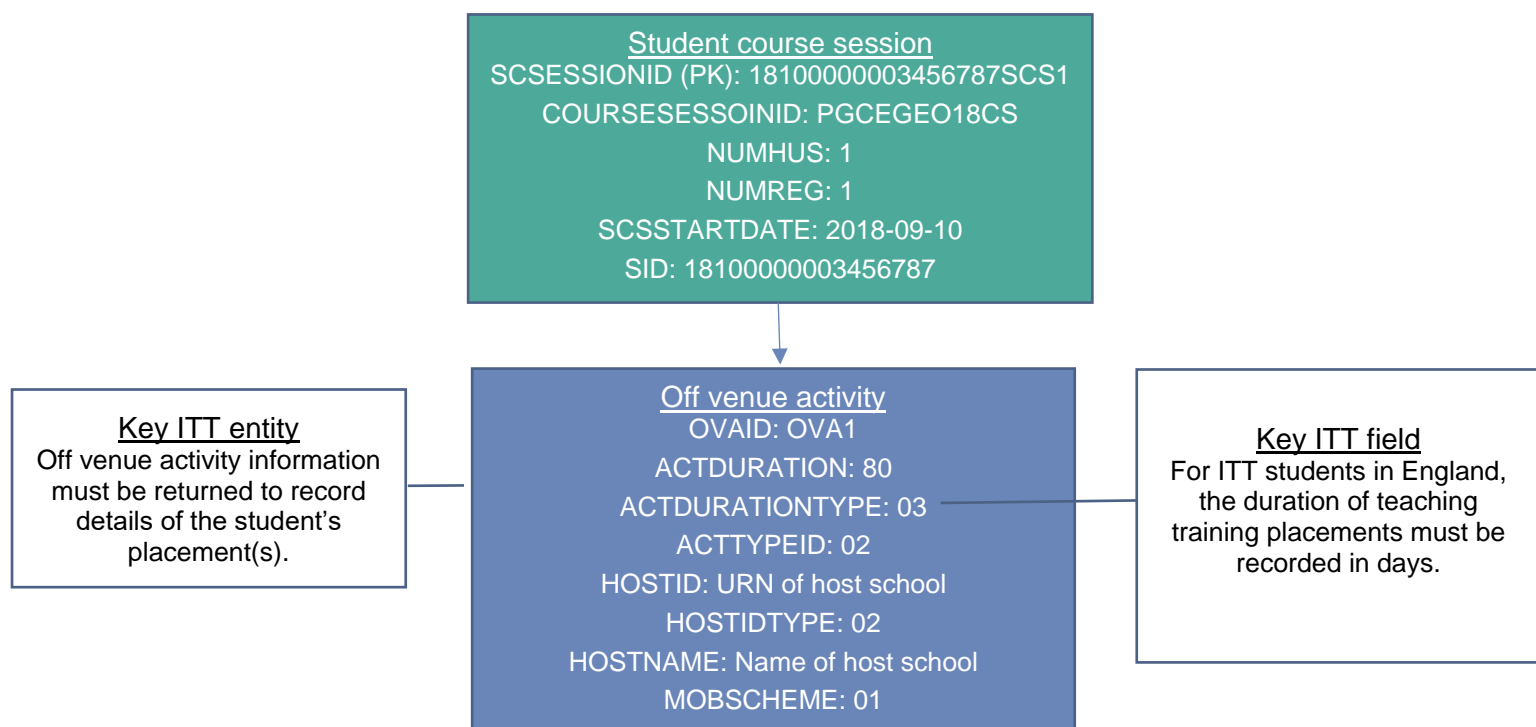
Hints and tips:

- The Module instance records a student's engagement with a Module delivery
- The MODINSTID must be a unique identifier for a Module instance within the Student course session. Two Module instances can have the same MODINSTID provided they are associated with a different Student course session.
- The Module instance start date does not need to be returned where the student commences the module on the same day the Module delivery is planned to start (recorded in ModuleDelivery.MODSTARTDATE).
- This needs to be repeated for each Module delivery a student studies on during the Student course session so in this scenario, there would be two Module instances returned in reference period one. Each would be associated with a different Module delivery.

## 6. Return placement information

Minimum data required:

- Student course session
- Off-venue activity



Hints and tips:

- An off-venue activity entity must be returned where a student has undertaken a placement
- The OVAID must be a unique identifier for the Off-venue activity within the Student course session. Two Off venue activity entities can have the same OVAID provided they are associated with different Module instances
- The ACTDURATION and ACTDURATIONTYPE fields record the amount of time the student spends on the placement
- For ITT placements, the Unique reference number (URN) for the host school must be returned.

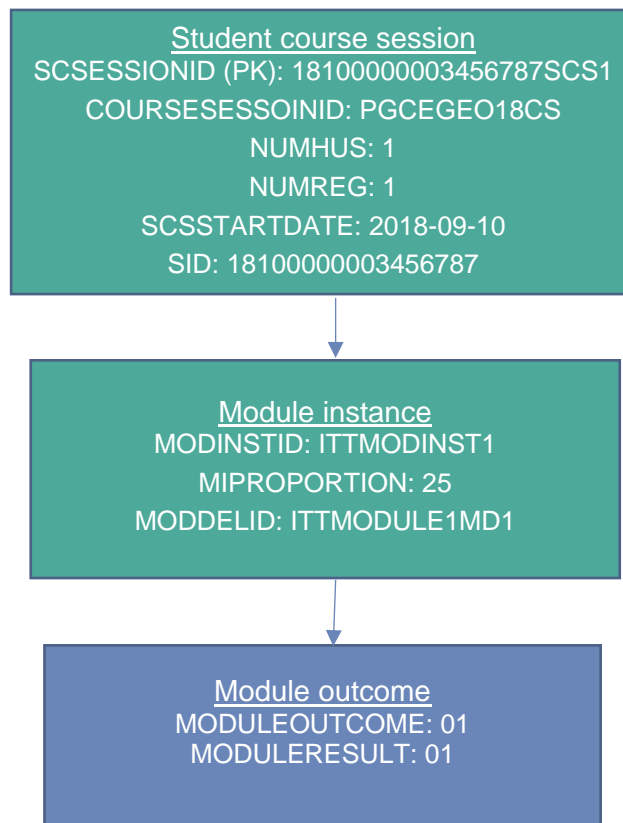
## Year 1 reference period 2

In reference period 2, the student completes the first two modules and begins studying on module 3- a taught module.

### 1. Return outcomes for completed Module instances

Minimum data required

- Module outcome



#### Hints and tips:

- When a student has completed a Module delivery, the Module outcome must be returned with the outcome and result from the module. In this case the student has completed (MODULEOUTCOME=01) and passed (MODULERESULT=01) the modules.
- Where the student completed the module on the planned end date for the Module delivery (recorded in ModuleDelivery.MODENDDATE) the end date does not need to be recorded on the Module outcome.
- A Module outcome entity is required for each Module instance that has ended so this would be required for MODINST1 and MODINST2.

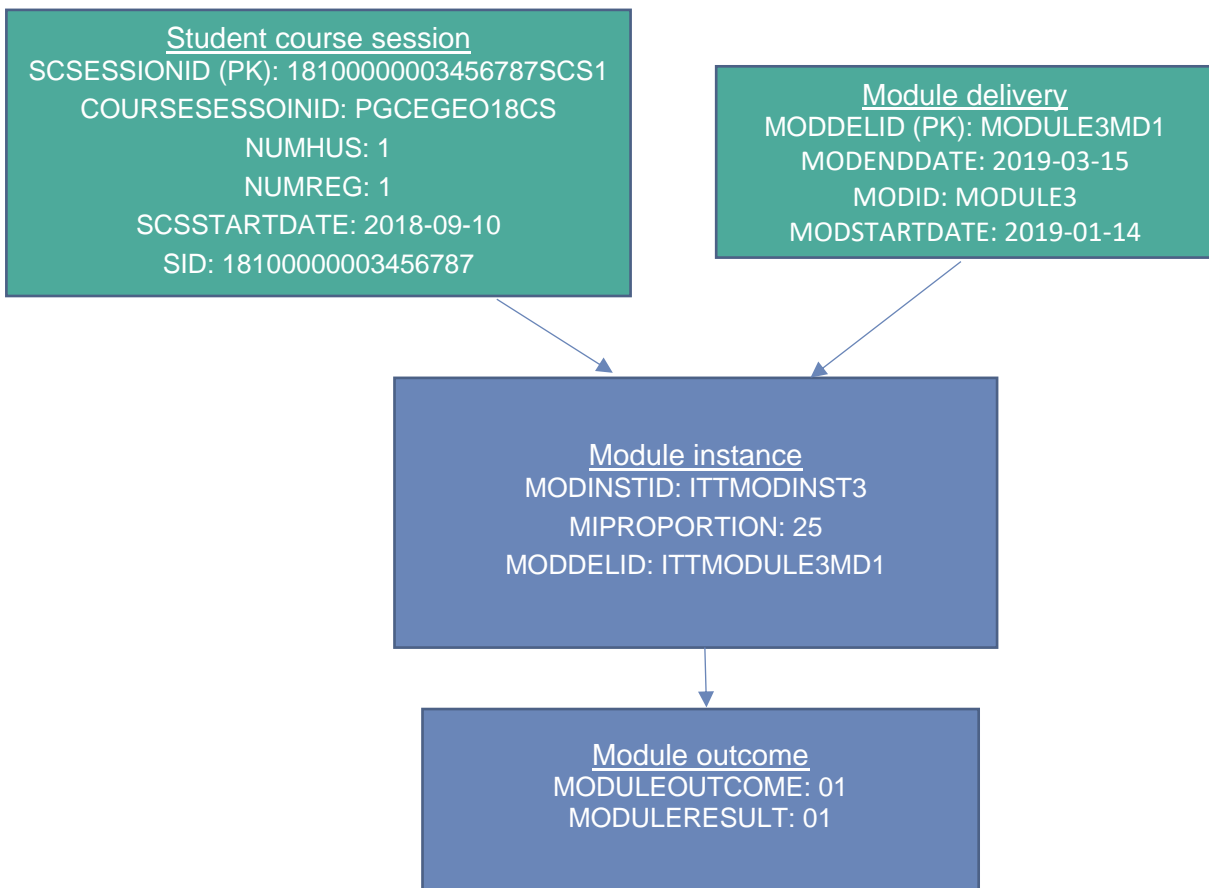


Year 1 reference period 2

**2. Assign the student to a module and return Module outcome for completed Module instance**

Minimum data required:

- Module instance
- Module outcome



Hints and tips:

- The Module instance records a student's engagement with a Module delivery
- The MODINSTID must be a unique identifier for a Module instance within the Student course session. Two Module instances can have the same MODINSTID provided they are associated with a different Student course session
- The Module instance start date and Module outcome end date do not need to be returned where the student commences and completes the module on the same day as planned for the Module delivery (recorded in ModuleDelivery.MODSTARTDATE and ModuleDelivery.MODENDDATE).
- When a student has completed a Module delivery, the Module outcome must be returned with the outcome and result from the module. In this case the student has completed (MODULEOUTCOME=01) and passed (MODULERESULT=01) the modules

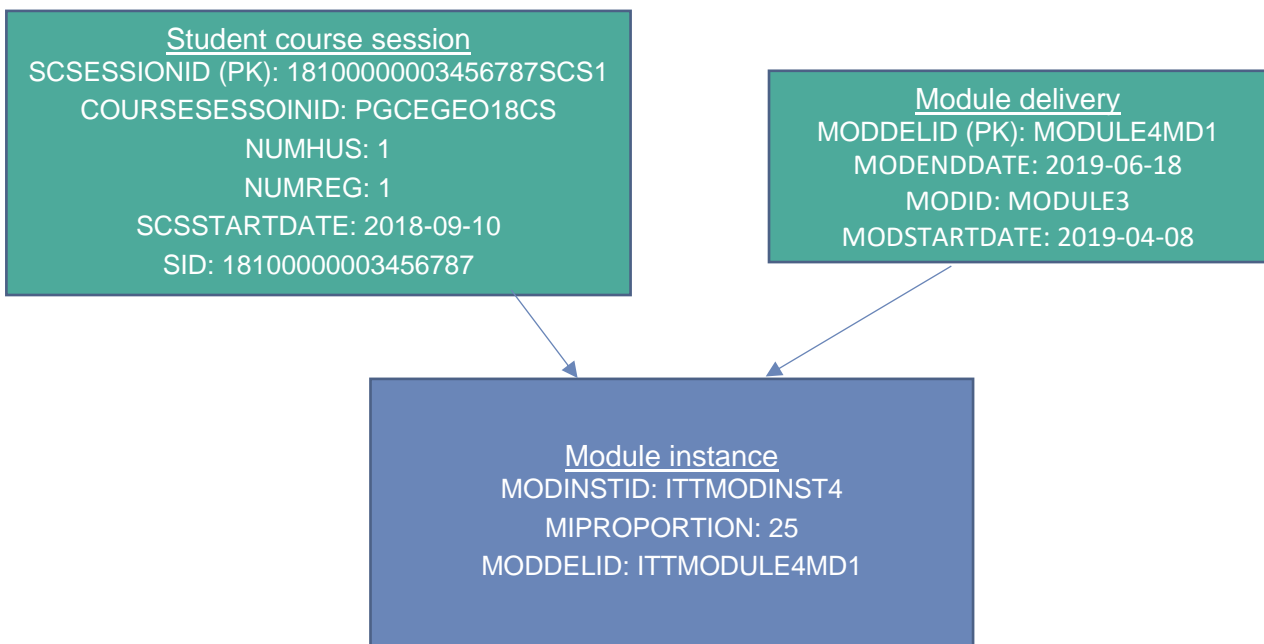
### Year 1 reference period 3

In reference period 3, the student begins and completes the final placement module, completing their registration and successfully achieving their qualification

#### 1. Assign the student to a module

Minimum data required:

- Module instance



Hints and tips:

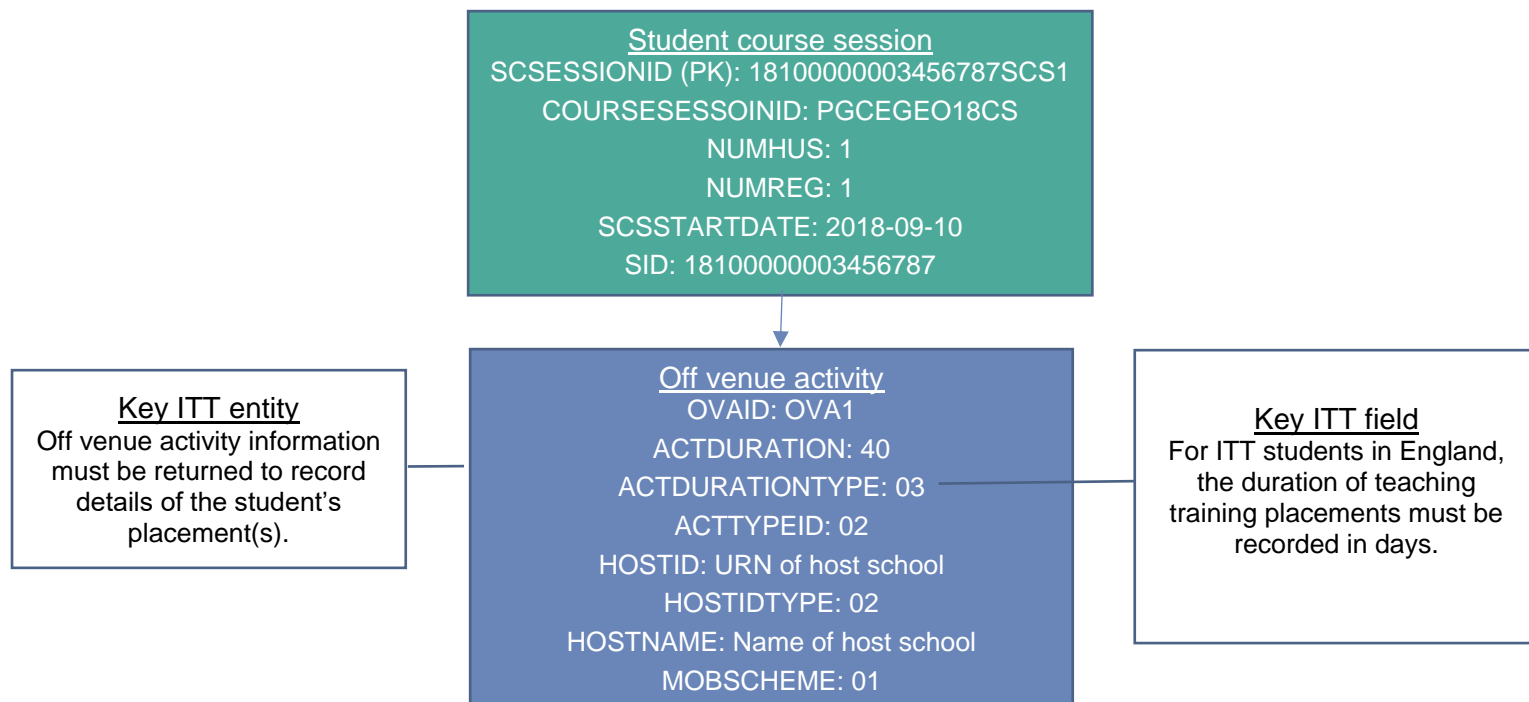
- The Module instance records a student's engagement with a Module delivery
- The MODINSTID must be a unique identifier for a Module instance within the Student course session. Two Module instances can have the same MODINSTID provided they are associated with a different Student course session
- The Module instance start date does not need to be returned where the student commences the module on the same day the Module delivery is planned to start (recorded in ModuleDelivery.MODSTARTDATE).

### Year 1 reference period 3

## 2. Return placement information

Minimum data required:

- Student course session
- Off-venue activity



### Hints and tips:

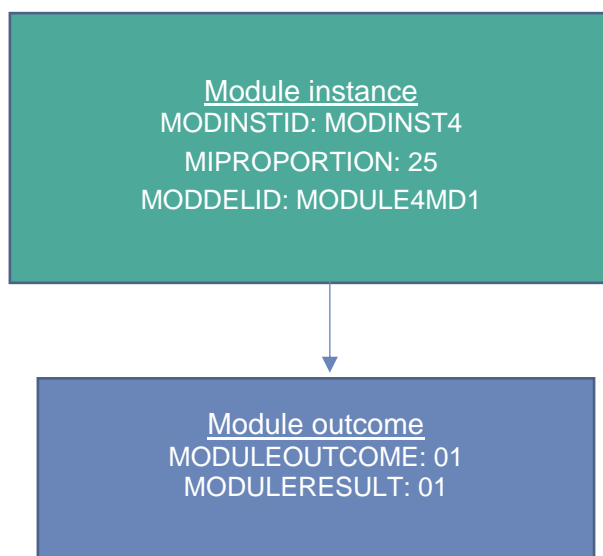
- An off-venue activity entity must be returned where a student has undertaken a placement
- The OVAID must be a unique identifier for the Off-venue activity within the Student course session. Two Off venue activity entities can have the same OVAID provided they are associated with different Module instances
- The ACTDURATION and ACTDURATIONTYPE fields record the amount of time the student spends on the placement
- For ITT placements, the Unique reference number (URN) for the host school must be returned.

### Year 1 reference period 3

### 3. Return Module outcome for completes Module instances

Minimum data required:

- Module outcome



Hints and tips:

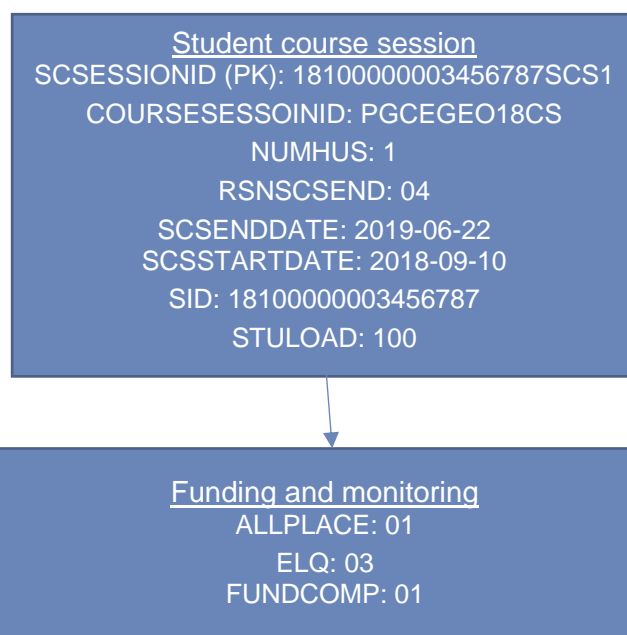
- The Module outcome end date does not need to be returned where the student completes the module on the same day as planned for the Module delivery (recorded in ModuleDelivery.MODENDDATE).
- When a student has completed a Module delivery, the Module outcome must be returned with the outcome and result from the module. In this case the student has completed (MODULEOUTCOME=01) and passed (MODULERESULT=01) the modules.

### Year 1 reference period 3

#### 4. Close the Student course session

Minimum data required;

- Student course session
- Funding and monitoring



Hints and tips:

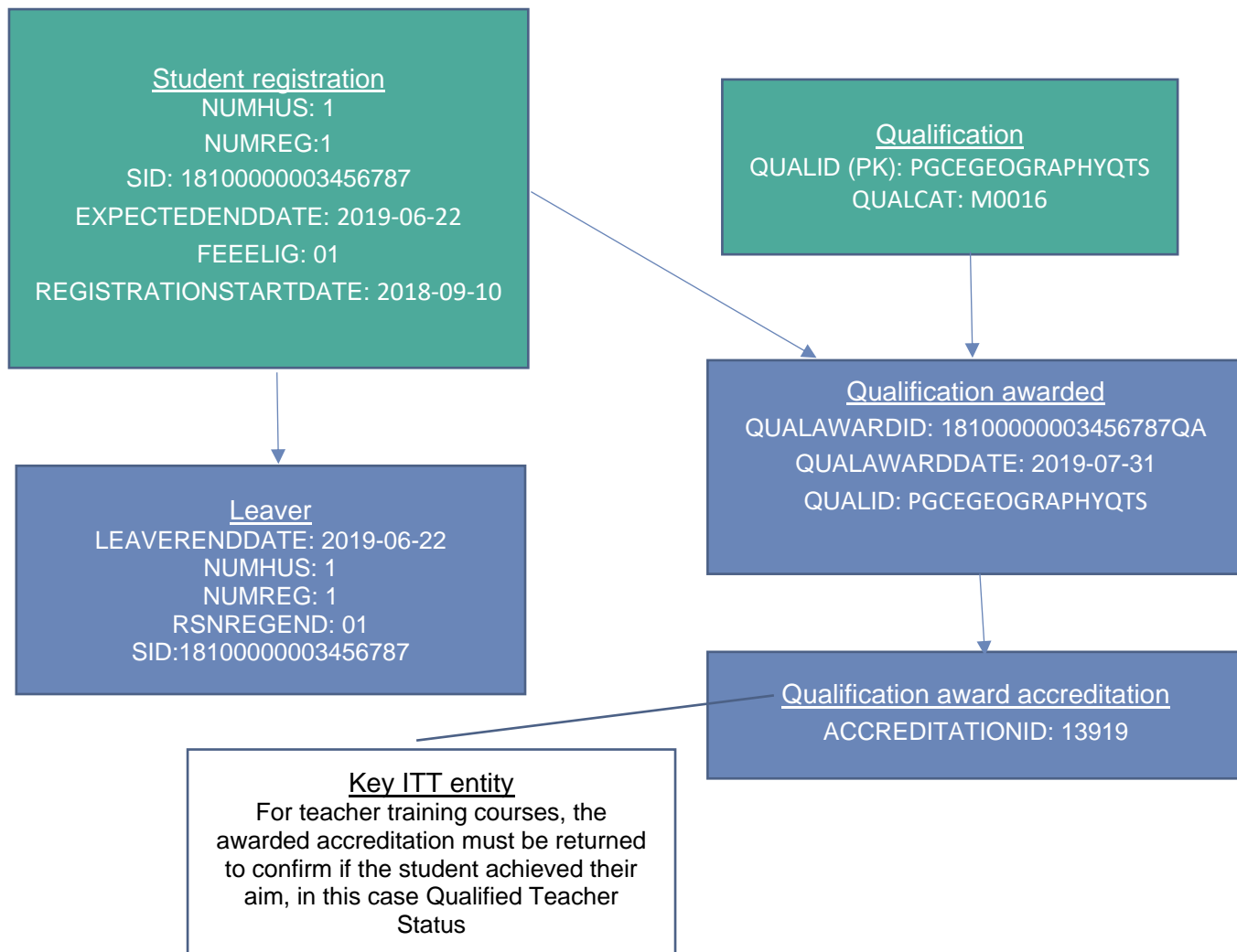
- Once the Student course session has ended, the STULOAD is returned with the total FTE completed by the student during the Student course session
- Once the Student course session has ended, the reason for session end is returned. 04 'Ended' is used where the Student completed the Course session, regardless of whether the student successfully completed this Student course session.
- The Funding and monitoring entity will be returned again with the FUNDCOMP field indicating that the student has completed the Student course session.

### Year 1 reference period 3

## 5. Return leaving information and Qualification awarded

Minimum data required:

- Leaver
- Qualification awarded
- Qualification award accreditation



Hints and tips:

- The RSNREGENDDATE records that the student has left and has been awarded a qualification
- The QUALAWARDID must be a unique identifier for an occurrence of Qualification awarded within the Student registration. Two Qualification awarded entities can have the same QUALAWARDID provided they are associated with a different Student registration
- The QUALID must be returned with the unique identifier for the qualification the student has achieved
- Leaving information is associated with the relevant Student registration. The registration is the formal contact to educate and so any awards or leaving information related to a Course delivery, relate to the Student registration rather than the Engagement.

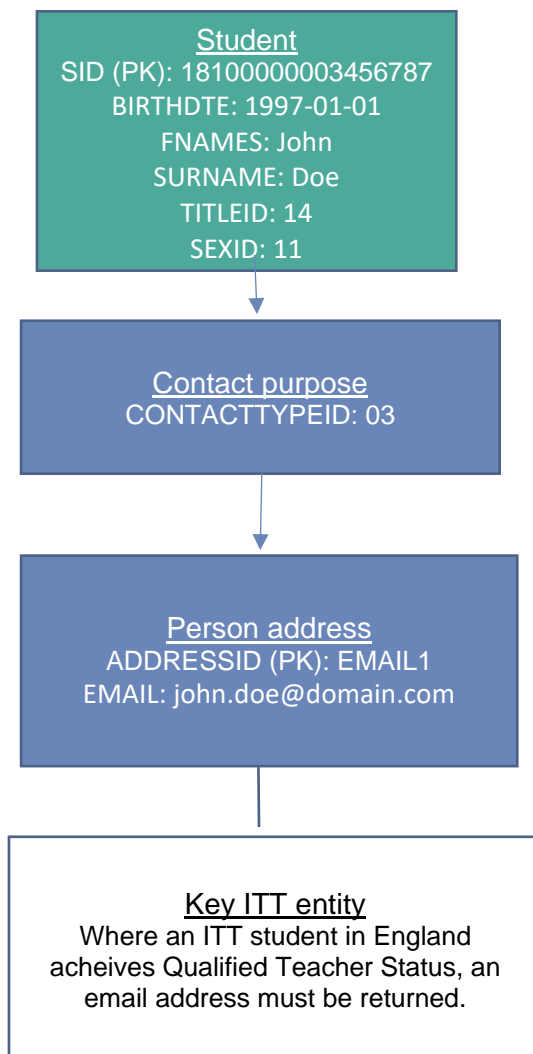
Year 1 reference period 3

**6. Return an email address**

Minimum data required:

Contact purpose

Person address



Hints and tips:

- A CONTACTTYPEID of 03 indicates the purpose of the associated Person address entity is to collect an email address for a student who has achieved Qualified Teacher Status (QTS)
- The ADDRESSID must be a unique identifier for the Person address within the Contact purpose, two Person address entities can have the same ADDRESSID provided they are associated with different Contact purpose entities
- The email address is provided to allow the Department for Education to contact newly qualified teachers.