Field Description	Field Abbreviation	Field Length	Field Type	Field Version
Analytical protocol JACS - level 3 grouping	**XJACSLEV301**	**3**	**Char**	**1.5.1**

VALID ENTRIES

001	Medicine
002	Dentistry
003	Anatomy, physiology & pathology
004	Pharmacology, toxicology & pharmacy
005	Nursing
006	Complementary medicine
007	Nutrition
008	Ophthalmics
009	Aural & oral sciences
010	Medical technology
011	Others in subjects allied to medicine
012	Biology
013	Zoology
014	Genetics
015	Microbiology
016	Molecular biology, biophysics & biochemistry
017	Others in biological sciences
018	Sports science
019	Psychology
020	Veterinary sciences
021	Animal science
022	Forestry
023	Food & beverage studies
024	Agriculture & others in veterinary sciences, agriculture & related subjects
025	Chemistry
026	Physics & astronomy
027	Forensic & archaeological science
028	Geology
029	Ocean sciences
030	Others in physical sciences
031	Physical geography & environmental science
032	Mathematics & statistics
033	Operational research
035	Computer science
036	General engineering
037	Mechanical, production & manufacturing engineering
038	Aerospace engineering

039	Naval architecture
040	Electronic & electrical engineering
041	Civil engineering
042	Chemical, process & energy engineering
043	Others in engineering
044	Materials & minerals technology
045	Maritime technology
046	Others in technology
047	Architecture
048	Building
049	Landscape design
050	Planning (urban, rural & regional)
051	Others in architecture, building & planning
052	Economics
053	Politics
054	Sociology
055	Social policy
056	Anthropology
057	Others in social studies
058	Social work
059	Human & social geography
060	Law
061	Business studies
062	Marketing
063	Management studies
064	Human resource management
065	Finance
066	Accounting
067	Tourism, transport & travel
068	Others in business & administrative studies
069	Media studies
070	Information services
071	Publicity studies
072	Publishing
073	Journalism
074	Others in mass communications & documentation
075	English studies
076	American & Australasian studies
077	Celtic studies
078	Classics
079	French studies
080	German & Scandanavian studies

081	Italian studies
082	Iberian studies
083	Others in European languages & area studies
084	Linguistics
085	Comparative literary studies
086	Others in linguistics, classics & related subjects
087	Asian studies
088	African & modern Middle Eastern studies
089	Others in Eastern, Asian & African languages & area studies
090	History
091	Archaeology
092	Others in historical & philosophical studies
093	Philosophy
094	Theology & religious studies
095	Fine art
096	Design studies
097	Music
098	Drama
099	Dance
100	Cinematics & photography
101	Imaginative writing
102	Others in creative arts & design
103	Teacher training
104	Research & study skills in education
105	Academic studies in education
106	Others in education
107	Combined
108	Initial teacher training

ADDITIONAL INFORMATION

XJACSLEV301 is based on the Unistats level 3 groupings, adopted in HESA's Data Quality Assurance and Analytical Services teams' Unistats specifications - as informed by HEFCE's requirements.

This field maps XJACS01 (held on the _SJ table of both the Cyy051 Student and Cyy054 AP student records) to the three Unistats groupings via a lookup table supplied by HESA's Data Management team in Oracle, as described in the technical specification.

The valid entries used in XJACS01 are as per Course_Subject.SBJCA field in the relevant collection year.

From 2012/13 the underlying JACS subject coding frame adopted the JACS3 subject codes.

DEPENDENT FIELDS

TECHNICAL SPECIFICATION

The table static_data.XJACSLEV_lookup_V2 consists of four columns: F_XJACS01 (CHAR 4); F_XJACSLEV1 (CHAR 1); F_XJACSLEV2 (CHAR 2); F_XJACSLEV3 (CHAR 3).

1. If a Student teacher training course identifier (Course.TTCID) is submitted and coded 1 'On initial or pre-service teacher training course leading to Qualified Teacher Status or to registration as a school teacher with the General Teaching Council for Scotland'; 2 'On other initial teacher training course not leading to Qualified Teacher Status nor to registration as a school teacher with the General Teaching Council for Scotland'; 8 'NCTL funded flexible provision (ITT)'; G 'School Direct Training Programme'; or Q 'Early Years Initial Teacher Training' then XJACSLEV201 is coded 108 'Initial teacher training', irrespective of the XJACS01 code derived for that instance.

2. If Course.TTCID is not 1, 2, 8, G or Q, lookup XJACS01 in XJACSLEV_lookup_V2.F_XJACS01 and return a value from F_XJACSLEV3 for this field.

3. Where XJACS01 is not found in XJACSLEV_lookup_V2.F_XJACS01, return Null. This is an error, highlighting that a value is not a valid entry in the lookup table. This is designed so the derived function does not fail. **Nulls are to be identified at impossible values testing** to flag the issue to HESA's Data Management team.

Note to developers: This specification is hierarchical. Complete top down.

Course.TTCID (CHAR 1)	**XJACS01 on the _SJ table (CHAR 4)**	**XJACSLEV101**
1, 2, 8, G, Q		108
	Found in XJACSLEV_lookup_V2 .F_XJACS01	XJACSLEV_lookup_V2 .F_XJACSLEV3
	Not found in XJACSLEV_lookup_V2 .F_XJACS01	Null

Revision 1.5.1 2014-10-16 (Technical specification updated to reflect the addition of Course.TTCID valid entry Q, and the deletion of valid entries H, L, M, N and P, in the list of codes that define ITT. Change to function. Additional information section amended to allow for the use of this field in the Cyy054 AP student record.)