Field Description	Field Abbreviation	Field Length	Field Type	Field Version
JACS subject by full person equivalent	**XJACS01_XFPE01**	**7**	**Char**	**3.5.1**

VALID ENTRIES

XJACS01 as per CourseSubject.SBJCA valid entries(Field length 4, Field type Char)XFPE01 format is 000.000(Field length 7, Field type Char)

A100	Pre-clinical medicine
A200	Pre-clinical dentistry
A300	Clinical medicine
A400	Clinical dentistry
A900	Others in medicine & dentistry
A990	Medicine & dentistry not elsewhere classified
A000	Medicine & dentistry
B100	Anatomy, physiology & pathology
B110	Anatomy
B120	Physiology
B121	Clinical physiology
B130	Pathology
B131	Cellular pathology
B132	Pathobiology
B140	Neuroscience
B160	Physiotherapy
B170	Podiatry
B190	Anatomy, physiology & pathology not elsewhere classified
B200	Pharmacology, toxicology & pharmacy
B210	Pharmacology
B220	Toxicology
B230	Pharmacy
B290	Pharmacology, toxicology & pharmacy not elsewhere classified
B300	Complementary medicines, therapies & well-being
B310	Osteopathy
B320	Chiropractic
B340	Alternative medicine & therapies
B341	Chinese
B342	Herbalism
B343	Acupuncture
B344	Aromatherapy
B345	Hypnotherapy
B346	Reflexology
B350	Hair & beauty science
B351	Hair services

B352	Beauty therapies
B353	Make-up
B360	Spa & water-based therapies
B390	Complementary medicines, therapies & well-being not elsewhere classified
B400	Nutrition
B410	Dietetics
B490	Nutrition not elsewhere classified
B500	Ophthalmics
B510	Optometry
B520	Orthoptics
B590	Ophthalmics not elsewhere classified
B600	Aural & oral sciences
B610	Audiology
B620	Speech science
B630	Language pathology
B690	Aural & oral sciences not elsewhere classified
B700	Nursing
B701	Palliative care nursing
B702	Clinical practice nursing
B710	Community nursing
B712	Health visiting
B713	School nursing
B714	Practice nursing
B720	Midwifery
B730	Children's nursing
B731	Neonatal care
B740	Adult nursing
B741	Older people nursing
B750	Dental nursing
B760	Mental health nursing
B761	Learning disability nursing
B770	Medical nursing
B771	Critical care nursing
B772	Surgical nursing
B773	Emergency nursing
B790	Nursing not elsewhere classified
B800	Medical technology
B810	Cardiography
B820	Radiology
B821	Radiography, diagnostic
B822	Radiography, therapeutic
B830	Biomechanics & prosthetics (non-clinical)

B840	Dental technology
B850	Mortuary technology
B890	Medical technology not elsewhere classified
B900	Others in subjects allied to medicine
B910	Environmental health
B920	Occupational health
B930	Occupational therapy
B940	Counselling
B950	Paramedical science
B960	Physician assistant studies
B990	Subjects allied to medicine not elsewhere classified
B000	Subjects allied to medicine
C100	Biology
C110	Applied biology
C111	Parasitology
C120	Behavioural biology
C130	Cell biology
C131	Applied cell biology
C140	Developmental/Reproductive biology
C141	Developmental biology
C142	Reproductive biology
C150	Environmental biology
C160	Marine/Freshwater biology
C161	Marine biology
C162	Freshwater biology
C170	Population biology
C180	Ecology
C181	Biodiversity
C182	Evolution
C183	Community ecology
C184	Conservation ecology
C185	Ecosystem ecology & land use
C186	Population ecology
C187	Ecotoxicology
C190	Biology not elsewhere classified
C191	Biometry
C200	Botany
C210	Applied botany
C220	Mycology
C230	Plant biotechnology
C240	Plant cell science
C250	Plant pathology

C260	Plant physiology
C270	Developmental & reproductive plant biology
C280	Systematic botany
C290	Botany not elsewhere classified
C300	Zoology
C310	Applied zoology
C320	Cell zoology
C330	Developmental & reproductive zoology
C340	Entomology
C350	Marine zoology
C360	Pest science
C380	Systematic zoology
C390	Zoology not elsewhere classified
C400	Genetics
C410	Applied genetics
C420	Human genetics
C430	Medical & veterinary genetics
C431	Medical genetics
C432	Veterinary genetics
C440	Molecular genetics
C441	Transcriptomics
C450	Genomics
C451	Functional genomics
C452	Genome organisation
C460	Genetic engineering
C470	Population genetics & evolution
C490	Genetics not elsewhere classified
C500	Microbiology
C510	Applied microbiology
C520	Medical & veterinary microbiology
C521	Medical microbiology
C522	Veterinary microbiology
C530	Bacteriology
C540	Virology
C550	Immunology
C570	Serology
C590	Microbiology not elsewhere classified
C600	Sport & exercise science
C610	Sport coaching
C620	Sport development
C630	Sport conditioning, rehabilitation & therapy
C640	Sport studies

C650	Sport technology
C690	Sport & exercise science not elsewhere classified
C700	Molecular biology, biophysics & biochemistry
C710	Applied molecular biology, biophysics & biochemistry
C720	Biological chemistry
C730	Metabolic biochemistry
C740	Medical & veterinary biochemistry
C741	Medical biochemistry
C742	Veterinary biochemistry
C750	Plant biochemistry
C760	Biomolecular science
C770	Biophysical science
C790	Molecular biology, biophysics & biochemistry not elsewhere classified
C800	Psychology
C810	Applied psychology
C811	Occupational psychology
C812	Educational psychology
C813	Sport psychology
C814	Organisational psychology
C815	Business psychology
C816	Forensic psychology
C820	Developmental psychology
C821	Child psychology
C822	The psychology of ageing
C830	Methodological & conceptual issues in psychology
C831	Research methods in psychology
C832	Quantitative psychology
C833	Qualitative psychology
C834	History of psychology
C835	Philosophy of psychology
C840	Psychology in health & medicine
C841	Health psychology
C842	Clinical psychology
C843	Counselling psychology
C844	Psychotherapy
C845	Clinical neuropsychology
C846	Community psychology
C847	Psychoanalytical studies
C848	Psychology of mental health
C850	Cognitive & affective psychology
C851	Psychological modelling
C852	Psychology of communication

C853	Psychology of memory & learning
C854	Psychology of perception
C855	Psychology of higher cognitive processes
C856	Experimental psychology
C857	Affective psychology
C858	Transpersonal psychology
C860	Psychobiology
C861	Cognitive neuroscience
C862	Affective neuroscience
C863	Psychopharmacology
C864	Evolutionary psychology
C865	Animal psychology
C870	Personality & individual differences
C871	Psychometrics
C872	Psychology of gender
C873	Cross-cultural psychology
C880	Social psychology
C881	Social cognition
C890	Psychology not elsewhere classified
C900	Others in biological sciences
C910	Applied biological sciences
C990	Biological sciences not elsewhere classified
C000	Biological sciences
D100	Pre-clinical veterinary medicine
D190	Pre-clinical veterinary medicine not elsewhere classified
D200	Clinical veterinary medicine & dentistry
D210	Clinical veterinary medicine
D220	Clinical veterinary dentistry
D290	Clinical veterinary medicine & dentistry not elsewhere classified
D300	Animal science
D310	Veterinary nursing
D320	Animal health
D321	Animal anatomy
D322	Animal physiology
D323	Animal pathology
D324	Animal pharmacology
D325	Animal toxicology
D326	Animal pharmacy
D327	Animal nutrition
D328	Animal welfare
D330	Veterinary public health
D340	Overseas veterinary development

D390	Animal sciences not elsewhere classified
D400	Agriculture
D410	Arable & fruit farming
D411	Agricultural pests & diseases
D412	Crop physiology
D413	Crop nutrition
D414	Crop protection
D415	Crop production
D416	Glasshouse culture
D417	Amenity horticulture
D418	Exotic plants & crops
D420	Livestock
D421	Livestock husbandry
D422	Equine studies
D423	Poultry keeping
D424	Game keeping
D425	Exotic livestock
D430	Fish farming
D431	Fish husbandry
D432	Freshwater fish
D433	Saltwater fish
D434	Ornamental fish
D435	Aquaculture
D440	Rural estate management
D441	Farm management
D442	Game keeping management
D443	Water resource management
D444	Land management for recreation
D445	Biological heritage site management
D446	Wilderness management
D447	Environmental conservation
D448	Sustainable agricultural & landscape development
D450	International agriculture
D460	Organic farming
D461	Organic arable & fruit farming
D462	Organic livestock
D463	Organic fish farming
D470	Agricultural technology
D471	Agricultural machinery
D472	Agricultural irrigation & drainage
D490	Agriculture not elsewhere classified
D500	Forestry & arboriculture

D510	Trees & shrubs
D511	Forestry pests & diseases
D512	Tree physiology
D513	Tree nutrition
D514	Tree protection
D515	Tree production
D516	Timber production
D517	Community forestry
D520	International forestry
D530	Organic forestry
D540	Forestry technology
D541	Forestry irrigation & drainage
D590	Forestry not elsewhere classified
D600	Food & beverage studies
D610	Food science
D611	Meat science
D612	Cereal science
D613	Vegetable science
D614	Fruit science
D620	Food hygiene
D630	Food & beverage production
D631	Food & beverage manufacture
D632	Food & beverage processing
D633	Food & beverage technology
D634	Industrial baking
D635	Industrial brewing
D640	Food & beverages for the consumer
D641	Food & beverage packaging
D642	Food & beverage delivery
D690	Food & beverage studies not elsewhere classified
D700	Agricultural sciences
D710	Agricultural biology
D711	Agricultural microbiology
D720	Agricultural chemistry
D721	Agricultural biochemistry
D730	Agricultural botany
D740	Agricultural zoology
D750	Soil as an agricultural medium
D790	Agricultural sciences not elsewhere classified
D900	Others in veterinary sciences, agriculture & related subjects
D990	Veterinary sciences, agriculture & related subjects not elsewhere classified
D000	Veterinary sciences, agriculture & related subjects

F100	Chemistry
F110	Applied chemistry
F111	Industrial chemistry
F112	Colour chemistry
F120	Inorganic chemistry
F130	Structural chemistry
F131	Crystallography
F140	Environmental chemistry
F141	Marine chemistry
F150	Medicinal chemistry
F151	Pharmaceutical chemistry
F160	Organic chemistry
F161	Organometallic chemistry
F162	Polymer chemistry
F163	Bio-organic chemistry
F164	Petrochemical chemistry
F165	Biomolecular chemistry
F170	Physical chemistry
F180	Analytical chemistry
F190	Chemistry not elsewhere classified
F200	Materials science
F290	Materials science not elsewhere classified
F300	Physics
F310	Applied physics
F311	Engineering physics
F320	Chemical physics
F321	Solid-state physics
F330	Environmental physics
F331	Atmospheric physics
F332	Marine physics
F340	Mathematical & theoretical physics
F341	Electromagnetism
F342	Quantum mechanics
F343	Computational physics
F350	Medical physics
F351	Radiation physics
F360	Optical physics
F361	Laser physics
F370	Nuclear & particle physics
F380	Acoustics
F390	Physics not elsewhere classified
F400	Forensic & archaeological sciences

F410	Forensic science
F420	Archaeological science
F490	Forensic & archaeological sciences not elsewhere classified
F500	Astronomy
F510	Astrophysics
F520	Space & planetary sciences
F521	Space science
F522	Planetary science
F530	Solar & solar terrestrial physics
F540	Astronomy observation
F550	Astronomy theory
F590	Astronomy not elsewhere classified
F600	Geology
F610	Applied geology
F611	Industrial geology
F612	Engineering geology
F620	Mining geology
F621	Exploration geology
F630	Geotechnology
F631	Marine geotechnology
F640	Earth science
F641	Palaeontology
F642	Geoscience
F643	Quaternary studies
F644	Hydrogeology
F645	Mantle & core processes
F646	Land-atmosphere interactions
F650	Geological oceanography
F660	Geophysics
F661	Exploration geophysics
F670	Geochemistry
F680	Geohazards
F681	Seismology & tectonics
F682	Vulcanology
F690	Geology not elsewhere classified
F700	Science of aquatic & terrestrial environments
F710	Marine sciences
F720	Hydrography
F730	Ocean sciences
F731	Ocean circulation
F732	Oceanographic survey & monitoring
F733	Land-ocean interaction

F734	Atmosphere-ocean interactions
F750	Environmental sciences
F751	Applied environmental sciences
F752	Hydrology
F753	Pollution control
F754	Biogeochemical cycles
F755	Environmental informatics
F756	Environmental physiology
F760	Climatology
F761	Meteorology
F762	Large-scale atmospheric dynamics & transport
F763	Boundary-layer meteorology
F764	Climate & climate change
F765	Radiative processes & effects
F770	Soil science
F780	Glaciology & cryospheric systems
F790	Science of aquatic & terrestrial environments not elsewhere classified
F800	Physical geographical sciences
F810	Environmental geography
F811	Biogeography
F840	Physical geography
F841	Maritime geography
F842	Geomorphology
F843	Topography
F844	Cartography
F845	Remote sensing
F846	Geographical information systems
F890	Physical geographical sciences not elsewhere classified
F900	Others in physical sciences
F990	Physical sciences not elsewhere classified
F000	Physical sciences
G100	Mathematics
G110	Pure mathematics
G120	Applied mathematics
G121	Mechanics (mathematical)
G130	Mathematical methods
G140	Numerical analysis
G150	Mathematical modelling
G160	Engineering/industrial mathematics
G170	Computational mathematics
G190	Mathematics not elsewhere classified
G200	Operational research

G290	Operational research not elsewhere classified
G300	Statistics
G310	Applied statistics
G311	Medical statistics
G320	Probability
G330	Stochastic processes
G340	Statistical modelling
G350	Mathematical statistics
G390	Statistics not elsewhere classified
G900	Others in mathematical sciences
H100	General engineering
H110	Integrated engineering
H120	Safety engineering
H121	Fire safety engineering
H122	Water quality control
H123	Public health engineering
H130	Computer-aided engineering
H131	Automated engineering design
H140	Mechanics
H141	Fluid mechanics
H142	Solid mechanics
H143	Structural mechanics
H150	Engineering design
H160	Bioengineering, biomedical engineering & clinical engineering
H161	Biomaterials
H162	Biomechanics (including fluid & solid mechanics)
H163	Bioelectronics & bioelectricity
H164	Rehabilitation engineering
H165	Tissue engineering & regenerative medicine
H166	Imaging
H167	Biosensors
H168	Medical devices & instrumentation
H169	Neural engineering
H190	General engineering not elsewhere classified
H200	Civil engineering
H210	Structural engineering
H220	Environmental engineering
H221	Energy resources
H222	Coastal decay
H223	Environmental impact assessment
H230	Transport engineering
H231	Permanent way engineering

H232	Pavement engineering
H240	Surveying science
H241	General practice surveying
H242	Engineering surveying
H250	Geotechnical engineering
H290	Civil engineering not elsewhere classified
H300	Mechanical engineering
H310	Dynamics
H311	Thermodynamics
H320	Mechanisms & machines
H321	Turbine technology
H330	Automotive engineering
H331	Road vehicle engineering
H332	Rail vehicle engineering
H333	Ship propulsion engineering
H340	Acoustics & vibration
H341	Acoustics
H342	Vibration
H350	Offshore engineering
H360	Electromechanical engineering
H390	Mechanical engineering not elsewhere classified
H400	Aerospace engineering
H410	Aeronautical engineering
H411	Air passenger transport engineering
H412	Air freight transport engineering
H413	Air combat engineering
H420	Astronautical engineering
H430	Avionics
H440	Aerodynamics
H441	Flight mechanics
H450	Propulsion systems
H460	Aviation studies
H490	Aerospace engineering not elsewhere classified
H500	Naval architecture
H510	Shipbuilding
H511	Surface passenger ship building
H512	Surface freight ship building
H513	Surface combat ship building
H514	Submarine building
H520	Ship design
H521	Surface passenger ship design
H522	Surface freight ship design

H523	Surface combat ship design
H524	Submarine design
H590	Naval architecture not elsewhere classified
H600	Electronic & electrical engineering
H610	Electronic engineering
H611	Microelectronic engineering
H612	Integrated circuit design
H620	Electrical engineering
H630	Electrical power
H631	Electrical power generation
H632	Electrical power distribution
H640	Communications engineering
H641	Telecommunications engineering
H642	Broadcast engineering
H643	Satellite engineering
H644	Microwave engineering
H650	Systems engineering
H651	Digital circuit engineering
H652	Analogue circuit engineering
H660	Control systems
H661	Instrumentation control
H662	Control by light systems
H670	Robotics & cybernetics
H671	Robotics
H672	Cybernetics
H674	Virtual reality engineering
H680	Optoelectronic engineering
H690	Electronic & electrical engineering not elsewhere classified
H700	Production & manufacturing engineering
H710	Manufacturing systems engineering
H711	Manufacturing systems design
H712	Manufacturing installation systems
H713	Production processes
H714	Manufacturing systems maintenance
H720	Quality assurance engineering
H730	Mechatronics
H790	Production & manufacturing engineering not elsewhere classified
H800	Chemical, process & energy engineering
H810	Chemical engineering
H811	Biochemical engineering
H812	Pharmaceutical engineering
H820	Atomic engineering

H821	Nuclear engineering
H830	Chemical process engineering
H831	Bioprocess engineering
H840	Gas engineering
H850	Petroleum engineering
H890	Chemical, process & energy engineering not elsewhere classified
H900	Others in engineering
H990	Engineering not elsewhere classified
H000	Engineering
I100	Computer science
I110	Computer architectures & operating systems
I111	Computer architectures
I112	Operating systems
I113	Displays & imaging
I114	High end computing
I115	Parallel computing
I120	Networks & communications
I130	Computational science foundations
I140	Human-computer interaction
I150	Multimedia computing science
I160	Internet
I161	e-business
I190	Computer science not elsewhere classified
I200	Information systems
I210	Information modelling
I220	Systems design methodologies
I230	Systems analysis & design
I240	Databases
I250	Systems auditing
I260	Data management
I270	Intelligent & expert systems
I290	Systems analysis & design not elsewhere classified
I300	Software engineering
I310	Software design
I320	Programming
I321	Procedural programming
I322	Object-oriented programming
I323	Declarative programming
I390	Software engineering not elsewhere classified
I400	Artificial intelligence
I410	Speech & natural language processing
I420	Knowledge representation

I430	Neural computing
I440	Computer vision
I450	Cognitive modelling
I460	Machine learning
I461	Automated reasoning
I490	Artificial intelligence not elsewhere classified
I500	Health informatics
I510	Health technologies
I520	Bioinformatics
I530	Tele healthcare
I590	Health informatics not elsewhere classified
I600	Games
I610	Computer games programming
I620	Computer games design
I630	Computer games graphics
I700	Computer generated visual & audio effects
I710	Computer generated imagery
I900	Others in computer sciences
I990	Computer sciences not elsewhere classified
J100	Minerals technology
J110	Mining
J120	Quarrying
J130	Rock mechanics
J140	Minerals processing
J150	Minerals surveying
J160	Petrochemical technology
J190	Minerals technology not elsewhere classified
J200	Metallurgy
J210	Applied metallurgy
J220	Metallic fabrication
J221	Pattern making
J230	Corrosion technology
J290	Metallurgy not elsewhere classified
J300	Ceramics & glass
J310	Ceramics
J320	Glass technology
J390	Ceramics & glass not elsewhere classified
J400	Polymers & textiles
J410	Polymers technology
J411	Plastics
J420	Textiles technology
J421	Textile chemistry

J422	Dying & colouring of textiles
J430	Leather technology
J431	Tanning
J440	Clothing production
J441	Machine knitting
J442	Commercial tailoring
J443	Pattern cutting
J444	Millinery
J445	Footwear production
J490	Polymers & textiles not elsewhere classified
J500	Materials technology not otherwise specified
J510	Materials technology
J511	Engineering materials
J512	Paper technology
J513	Furniture technology
J520	Printing
J521	Offset lithography
J522	Photo-lithography
J523	Reprographic techniques
J524	Screen process printing
J530	Gemmology
J590	Materials technology not elsewhere classified
J600	Maritime technology
J610	Marine technology
J611	Marine navigation
J612	Marine radar
J613	Marine radio
J614	Marine plumbing
J690	Maritime technology not elsewhere classified
J700	Biotechnology
J710	Plant biotechnology (crops, trees, shrubs etc.)
J720	Animal biotechnology
J730	Environmental biotechnology
J740	Industrial biotechnology
J750	Medical biotechnology
J790	Biotechnology not elsewhere classified
J900	Others in technology
J910	Energy technologies
J920	Ergonomics
J930	Audio technology
J931	Music recording
J940	Machinery maintenance

J941	Office machinery maintenance
J942	Industrial machinery maintenance
J950	Musical instrument technology
J960	Transport logistics
J970	Emergency & disaster technologies
J990	Technologies not elsewhere classified
J000	Technologies
K100	Architecture
K110	Architectural design theory
K120	Interior architecture
K130	Architectural technology
K190	Architecture not elsewhere classified
K200	Building
K210	Building technology
K220	Construction management
K230	Building surveying
K240	Quantity surveying
K250	Conservation of buildings
K251	Property development
K290	Building not elsewhere classified
K300	Landscape & garden design
K310	Landscape architecture
K320	Landscape studies
K330	Landscape design
K340	Garden design
K341	Garden horticulture
K390	Landscape & garden design not elsewhere classified
K400	Planning (urban, rural & regional)
K410	Regional planning
K420	Urban & rural planning
K421	Urban planning
K422	Rural planning
K430	Planning studies
K440	Urban studies
K450	Housing
K460	Transport planning
K490	Planning (urban, rural & regional) not elsewhere classified
K900	Others in architecture, building & planning
K990	Architecture, building & planning not elsewhere classified
K000	Architecture, building & planning
L100	Economics
L110	Applied economics

L111	Financial economics
L112	Agricultural economics
L113	Economic policy
L120	Microeconomics
L130	Macroeconomics
L140	Econometrics
L150	Political economics
L160	International economics
L170	Economic systems
L171	Capitalism
L172	Monetarism
L173	Keynesianism
L174	Collectivism
L190	Economics not elsewhere classified
L200	Politics
L210	Political theories
L211	Liberalism
L212	Conservatism
L213	Socialism
L214	Nationalism
L215	Fascism
L216	Feminism
L217	Environmentalism
L218	Anarchism
L220	Political systems
L221	Autocracy
L222	Democracy
L223	Plutocracy
L224	Oligarchy
L230	UK government/parliamentary studies
L231	Public administration
L232	UK constitutional studies
L240	International politics
L241	European Union politics
L242	Commonwealth politics
L243	Politics of a specific country/region
L244	International constitutional studies
L250	International relations
L251	Strategic studies
L252	War & peace studies
L253	International criminology
L260	Comparative politics

L290	Politics not elsewhere classified
L300	Sociology
L310	Applied sociology
L311	Applied criminology
L312	Victimology
L320	Gender studies
L321	Women's studies
L322	Men's studies
L330	Ethnic studies
L340	Disability in society
L350	Religion in society
L360	Socio-economics
L370	Social theory
L371	Social hierarchy
L380	Political sociology
L390	Sociology not elsewhere classified
L391	Sociology of science & technology
L400	Social policy
L410	UK social policy
L420	International social policy
L430	Public policy
L431	Health policy
L432	Welfare policy
L433	Education policy
L434	Transport policy
L435	Security policy
L436	Emergency services policy
L437	Criminal justice policy
L490	Social policy not elsewhere classified
L500	Social work
L510	Health & welfare
L520	Child care
L530	Youth work
L540	Community work
L541	Community justice
L550	Careers guidance
L560	Probation/after-care
L590	Social work not elsewhere classified
L600	Anthropology
L610	Social & cultural anthropology
L611	Criminological theory
L620	Physical & biological anthropology

L690	Anthropology not elsewhere classified
L700	Human & social geography
L710	Human & social geography by area
L711	Human & social geography of Europe
L712	Human & social geography of Asia
L713	Human & social geography of Africa
L714	Human & social geography of Australasia
L715	Human & social geography of the Americas
L716	Human & social geography of the Arctic/Antarctic
L720	Human & social geography by topic
L721	Economic geography
L722	Urban geography
L723	Political geography
L724	Transport geography
L725	Historical geography
L726	Cultural geography
L727	Agricultural geography
L728	Human Demography
L790	Human & social geography not elsewhere classified
L800	Development studies
L900	Others in social studies
L990	Social studies not elsewhere classified
L000	Social studies
M100	Law by area
M110	UK legal systems
M111	English law
M112	Welsh law
M113	Northern Irish law
M114	Scottish law
M120	European Union law
M130	Public international law
M140	Comparative law
M190	Law by area not elsewhere classified
M200	Law by topic
M210	Public law
M211	Criminal law
M220	Private law
M221	Business & commercial law
M222	Contract law
M223	Property law
M224	Torts
M240	Jurisprudence

M250	Legal practice
M260	Medical law
M270	Sociology of law
M290	Law by topic not elsewhere classified
M900	Others in law
M990	Law not elsewhere classified
M000	Law
N100	Business studies
N110	European business studies
N120	International business studies
N190	Business studies not elsewhere classified
N200	Management studies
N210	Management techniques
N211	Strategic management
N212	Creative management
N213	Project management
N214	Change management
N215	Organisational development
N220	Institutional management
N223	Domestic management
N224	Management & organisation of education
N225	Criminal justice management
N230	Land & property management
N231	Land management
N232	Property management
N234	Property valuation & auctioneering
N240	Retail management
N250	Emergency & disaster management
N251	Emergency services management
N252	Disaster management
N290	Management studies not elsewhere classified
N300	Finance
N310	Banking
N320	Investment & insurance
N321	Investment
N322	Insurance
N323	Actuarial science
N330	Taxation
N340	Financial management
N341	Financial risk
N390	Finance not elsewhere classified
N400	Accounting

N410	Accountancy
N411	Cost & management accountancy
N412	Public accountancy
N413	Book keeping
N420	Accounting theory
N421	Auditing of accounts
N422	Financial reporting
N490	Accounting not elsewhere classified
N500	Marketing
N510	Market research
N520	Sales management
N530	Distribution
N550	International marketing
N560	Promotion & advertising
N561	Advertising
N562	Corporate image
N563	Sponsorship
N590	Marketing not elsewhere classified
N600	Human resource management
N611	Industrial relations
N612	Staff development
N613	Training methods
N614	Recruitment methods
N620	Health & safety issues
N690	Human resources management not elsewhere classified
N700	Office skills
N710	Office administration
N720	Secretarial & typing skills
N721	Audio typing
N722	Shorthand & shorthand transcription
N790	Office skills not elsewhere classified
N800	Hospitality, leisure, sport, tourism & transport
N810	Travel management
N820	Event management
N830	Tourism
N831	Tourism studies
N832	Tourism management
N850	Transport studies
N851	Land travel
N852	Sea travel
N853	Air travel
N860	Hospitality

N861	Hospitality studies
N862	Hospitality management
N870	Recreation & leisure studies
N871	Spa management
N872	Salon management
N880	Sport management
N890	Hospitality, leisure, sport, tourism & transport not elsewhere classified
N900	Others in business & administrative studies
N990	Business & administrative studies not elsewhere classified
N000	Business & administrative studies
P100	Information services
P110	Information management
P120	Librarianship
P121	Library studies
P130	Curatorial studies
P131	Museum studies
P132	Archive studies
P190	Information services not elsewhere classified
P200	Publicity studies
P210	Public relations
P290	Publicity studies not elsewhere classified
P300	Media studies
P301	Television studies
P302	Radio studies
P303	Film studies
P304	Electronic media studies
P305	Paper-based media studies
P310	Media production
P311	Television production
P312	Radio production
P313	Film production
P390	Media studies not elsewhere classified
P400	Publishing
P410	Electronic publishing
P411	Publishing on audio/video tape
P412	Publishing on CD-ROM
P413	Publishing via the World Wide Web
P420	Multimedia publishing
P430	Interactive publishing
P490	Publishing not elsewhere classified
P500	Journalism
P510	Factual reporting

P590	Journalism not elsewhere classified
P900	Others in mass communications & documentation
P990	Mass communications & documentation not elsewhere classified
P000	Mass communications & documentation
Q100	Linguistics
Q110	Applied linguistics
Q120	Historical linguistics
Q130	Phonetics & phonology
Q131	Phonetics
Q132	Phonology
Q140	Sociolinguistics
Q150	Psycholinguistics
Q160	British Sign Language
Q190	Linguistics not elsewhere classified
Q200	Comparative literary studies
Q210	Literature in translation
Q220	Literature in its original language
Q290	Comparative literary studies not elsewhere classified
Q300	English studies
Q310	English language
Q320	English literature
Q321	English literature by period
Q322	English literature by author
Q323	English literature by topic
Q330	English as a second language
Q340	English literature written as a second language
Q350	Scots language
Q360	Scots literature
Q370	Irish language
Q380	Irish literature
Q390	English studies not elsewhere classified
Q400	Ancient language studies
Q410	Ancient Egyptian
Q411	Coptic
Q420	Classical Arabic
Q430	Akkadian
Q440	Sumerian
Q450	Sanskrit
Q460	Prakrit
Q470	Aramaic
Q480	Hebrew
Q490	Ancient language studies not elsewhere classified

Q500	Celtic studies
Q510	Ancient Celtic studies
Q520	Modern Celtic studies
Q521	Goidelic group of languages
Q522	Brythonic group of languages
Q530	Scottish Gaelic
Q531	Scottish Gaelic literature
Q540	Irish Gaelic
Q541	Irish Gaelic literature
Q550	Manx
Q551	Manx literature
Q560	Welsh
Q561	Welsh literature
Q570	Cornish
Q571	Cornish literature
Q580	Breton
Q581	Breton literature
Q590	Celtic studies not elsewhere classified
Q600	Latin studies
Q610	Latin language
Q611	Church Latin
Q612	Medieval Latin
Q620	Latin literature
Q630	Latin literature in translation
Q690	Latin studies not elsewhere classified
Q700	Classical Greek studies
Q710	Classical Greek language
Q711	Classical Church Greek
Q712	Late Greek
Q720	Classical Greek literature
Q730	Classical Greek literature in translation
Q790	Classical Greek studies not elsewhere classified
Q800	Classical studies
Q810	Classical reception
Q890	Classical studies not elsewhere classified
Q900	Others in linguistics, classics & related subjects
Q910	Translation studies
Q920	Translation theory
Q990	Linguistics, classics & related subjects not elsewhere classified
Q000	Linguistics, classics & related subjects
R100	French studies
R110	French language

R120	French literature
R130	French society & culture
R190	French studies not elsewhere classified
R200	German studies
R210	German language
R220	German literature
R230	German society & culture
R290	German studies not elsewhere classified
R300	Italian studies
R310	Italian language
R320	Italian literature
R330	Italian society & culture
R390	Italian studies not elsewhere classified
R400	Spanish studies
R410	Spanish language
R411	Spanish languages in other countries
R420	Spanish literature
R430	Spanish society & culture
R490	Spanish studies not elsewhere classified
R500	Portuguese studies
R510	Portuguese language
R511	Portuguese languages in other countries
R520	Portuguese literature
R530	Portuguese society & culture
R590	Portuguese studies not elsewhere classified
R600	Scandinavian studies
R610	Scandinavian languages
R611	Swedish language
R612	Norwegian language
R613	Finnish language
R614	Danish language
R620	Scandinavian literature
R621	Swedish literature
R622	Norwegian literature
R623	Finnish literature
R624	Danish literature
R630	Scandinavian society & culture
R631	Swedish society & culture
R632	Norwegian society & culture
R633	Finnish society & culture
R634	Danish society & culture
R690	Scandinavian studies not elsewhere classified

R700	Russian & East European studies
R701	Russian studies
R702	Czech studies
R703	Polish studies
R704	Belarusian studies
R705	Bulgarian studies
R706	Hungarian studies
R707	Romanian studies
R708	Slovak studies
R709	Ukrainian studies
R710	Russian & East European languages
R711	Russian language
R712	Polish language
R713	Czech language
R720	Russian & east European Literature
R721	Russian literature
R722	Polish literature
R723	Czech literature
R730	Russian & east European society & culture
R731	Russian society & culture
R732	Polish society & culture
R733	Czech society & culture
R790	Russian & east European studies not elsewhere classified
R800	European studies
R900	Others in European languages, literature & related subjects
R910	Other European languages
R911	Dutch
R912	Flemish
R920	Other European literature
R930	Other European societies & cultures
R990	European languages, literature & related subjects not elsewhere classified
R000	European languages, literature & related subjects
T100	Chinese studies
T110	Chinese language studies
T120	Chinese literature studies
T130	Chinese society & culture studies
T190	Chinese studies not elsewhere classified
T200	Japanese studies
T210	Japanese language studies
T220	Japanese literature studies
T230	Japanese society & culture studies
T290	Japanese studies not elsewhere classified

T300	South Asian studies
T310	South Asian language studies
T311	Indian language studies
T312	Pakistani language studies
T313	Sri Lankan language studies
T314	Bangladeshi language studies
T315	Nepali language studies
T320	South Asian literature studies
T321	Indian literature studies
T322	Pakistani literature studies
T323	Sri Lankan literature studies
T324	Bangladeshi literature studies
T325	Nepali literature studies
T330	South Asian society & culture studies
T331	Indian society & culture studies
T332	Pakistani society & culture studies
T333	Sri Lankan society & culture studies
T334	Bangladeshi society & culture studies
T335	Nepali society & culture studies
T390	South Asian studies not elsewhere classified
T400	Other Asian studies
T410	Other Asian language studies
T411	East Asian language studies
T412	South East Asian language studies
T420	Other Asian literature studies
T421	East Asian literature studies
T422	South East Asian literature studies
T430	Other Asian society & culture studies
T431	East Asian society & culture studies
T432	South East Asian society & culture studies
T490	Other Asian studies not elsewhere classified
T500	African studies
T510	African language studies
T511	Eastern African language studies
T512	Central African language studies
T513	Northern African language studies
T514	Southern African language studies
T515	Western African language studies
T520	African literature studies
T521	Eastern African literature studies
T522	Central African literature studies
T523	Northern African literature studies

T524	Southern African literature studies
T525	Western African literature studies
T530	African society & culture studies
T531	Eastern African society & culture studies
T532	Central African society & culture studies
T533	Northern African society & culture studies
T534	Southern African society & culture studies
T535	Western African society & culture studies
T590	African studies not elsewhere classified
T600	Modern Middle Eastern studies
T610	Modern Middle Eastern language studies
T611	Arabic language studies
T612	Modern Standard Arabic language studies
T613	Persian language studies
T614	Modern Hebrew language studies
T615	Kurdish language studies
T616	Turkish language studies
T620	Modern Middle Eastern literature studies
T621	Arabic literature studies
T623	Persian literature studies
T624	Modern Hebrew literature studies
T625	Kurdish literature studies
T626	Turkish literature studies
T630	Modern Middle Eastern society & culture studies
T631	Arab society & culture studies
T633	Persian society & culture studies
T634	Modern Hebrew society & culture studies
T635	Kurdish society & culture studies
T636	Turkish society & culture studies
T690	Modern Middle Eastern studies not elsewhere classified
T700	American studies
T710	American language studies
T711	Latin American language studies
T712	United States language studies
T713	Canadian language studies
T714	Caribbean language studies
T720	American literature studies
T721	Latin American literature studies
T722	United States literature studies
T723	Canadian literature studies
T724	Caribbean literature studies
T730	American society & culture studies

T731	Latin American society & culture studies
T732	United States society & culture studies
T733	Canadian society & culture studies
T734	Caribbean society & culture studies
T790	American studies not elsewhere classified
T800	Australasian studies
T810	Australasian language studies
T820	Australasian literature studies
T830	Australasian society & culture studies
T890	Australasian studies not elsewhere classified
T900	Others in Eastern, Asiatic, African, American & Australasian languages, literature & related subjects
T910	Others in Eastern, Asiatic, African, American & Australasian languages
T920	Others in Eastern, Asiatic, African, American & Australasian literature
T930	Others in Eastern, Asiatic, African, American & Australasian societies & culture
T990	Eastern, Asiatic, African, American & Australasian languages, literature
T000	Eastern, Asiatic, African, American & Australasian languages, literature & related subjects
V100	History by period
V140	Modern history
V141	Modern history 1500-1599
V142	Modern history 1600-1699
V143	Modern history 1700-1799
V144	Modern history 1800-1899
V145	Modern history 1900-1919
V146	Modern history 1920-1949
V147	Modern history 1950-1999
V148	Modern history 2000-2099
V150	Medieval history
V160	Ancient history
V161	Late Antique history
V190	History by period not elsewhere classified
V200	History by area
V210	British history
V211	Irish history
V212	Scottish history
V213	Welsh history
V214	English history
V220	European history
V221	French history
V222	German history
V223	Italian history
V224	Iberian history
V225	Russian history

V230	American history
V231	Canadian history
V232	USA history
V233	South American history
V234	Central American history
V240	Asian history
V241	Chinese history
V242	Indian history
V243	South East Asian history
V244	Byzantine History
V250	African history
V251	North African history
V252	Central African history
V253	Southern African history
V254	East African history
V255	West African history
V260	Australasian history
V261	Australian history
V262	New Zealand history
V270	World history
V271	International history
V290	History by area not elsewhere classified
V300	History by topic
V310	Economic history
V320	Social history
V321	Local history
V322	Oral history
V323	Family history
V324	Crime history
V330	History of religions
V340	Intellectual history
V350	History of art
V360	History of architecture
V370	History of design
V380	History of science
V381	History of physics
V382	History of chemistry
V383	History of mathematics
V384	History of medicine
V390	History by topic not elsewhere classified
V391	Military history
V400	Archaeology

V410	Egyptology
V420	Stone Age
V430	Bronze Age
V440	Iron Age
V450	Archaeological conservation
V460	Archaeological techniques
V470	Classical art & archaeology
V471	Roman art & archaeology
V472	Greek art & archaeology
V490	Archaeology not elsewhere classified
V500	Philosophy
V510	Metaphysics
V511	Epistemology
V520	Moral philosophy
V530	Scholastic philosophy
V540	Social philosophy
V550	Philosophy of science
V560	Mental philosophy
V590	Philosophy not elsewhere classified
V600	Theology & religious studies
V610	Theology
V620	Religious studies
V621	Christian studies
V622	Islamic studies
V623	Judaism
V624	Hinduism
V625	Buddhism
V626	Other Asian religious studies
V627	Comparative religious studies
V630	Divinity
V640	Religious writings
V641	The Bible & Christian texts
V642	The Qur'an & Islamic texts
V643	The Torah & Judaic texts
V644	Asian religious texts
V645	Comparative religious texts
V650	Pastoral studies
V690	Theology & religious studies not elsewhere classified
V700	Heritage studies
V710	Heritage theory
V720	Heritage site management
V730	Natural heritage

V731	Coastal heritage management
V740	Visitor management including interpretation
V750	Oral history, heritage & genealogy
V900	Others in historical & philosophical studies
V990	Historical & philosophical studies not elsewhere classified
V000	Historical & philosophical studies
W100	Fine art
W110	Drawing
W120	Painting
W130	Sculpture
W140	Printmaking
W150	Calligraphy
W160	Fine art conservation
W190	Fine art not elsewhere classified
W200	Design studies
W210	Graphic design
W211	Typography
W212	Multimedia design
W213	Visual communication
W220	Illustration
W230	Clothing/fashion design
W231	Textile design
W240	Industrial/product design
W250	Interior design
W260	Furniture design
W270	Ceramics design
W280	Interactive & electronic design
W290	Design studies not elsewhere classified
W300	Music
W310	Musicianship/performance studies
W311	Instrumental or vocal performance
W312	Musical theatre
W313	Conducting
W314	Jazz performance
W315	Popular music performance
W316	Electronic/electro-acoustic music performance
W317	Historical performance practice
W320	Music education/teaching
W330	History of music
W340	Types of music
W341	Popular music
W342	Film music/screen music

W343	Jazz
W344	Folk music
W345	Opera
W346	Sacred music
W350	Musicology
W351	Ethnomusicology/world music
W352	Community music
W353	Music & gender
W354	Philosophy, aesthetics & criticism of music
W355	Music psychology
W356	Music theory & analysis
W357	Sociology of music
W360	Musical instrument history
W370	Music technology & industry
W371	Sound design/commercial music recording
W372	Creative music technology
W373	Electro-acoustic studies
W374	Music production
W375	Music management/music industry management/arts management
W376	Music marketing
W380	Composition
W381	Electracoustic composition/acousmatic composition
W382	Sonic arts
W383	Electronic music
W384	Applied music/musicianship
W385	Commercial music composition
W386	Multimedia music composition
W387	Jazz composition
W388	Popular music composition
W390	Music not elsewhere classified
W400	Drama
W410	Acting
W420	Directing for theatre
W430	Producing for theatre
W440	Theatre studies
W441	Theatre & professional practice
W442	Contemporary theatre
W443	Technical arts & special effects for theatre
W450	Stage management
W451	Theatrical wardrobe design
W452	Theatrical make-up
W453	Technical stage management

W460	Theatre design
W461	Stage design
W470	Performance & live arts
W471	European/world theatre arts
W472	Circus arts
W473	Community theatre
W490	Drama not elsewhere classified
W500	Dance
W510	Choreography
W520	Body awareness
W530	History of dance
W531	Dance & culture
W532	Community dance
W540	Types of dance
W541	Ballet
W542	Dance theatre
W543	Contemporary dance
W544	Jazz dance
W550	Dance performance
W590	Dance not elsewhere classified
W600	Cinematics & photography
W610	Moving image techniques
W611	Directing motion pictures
W612	Producing motion pictures
W613	Film & sound recording
W614	Visual & audio effects
W615	Animation techniques
W620	Cinematography
W630	History of cinematics & photography
W631	History of cinematics
W632	History of photography
W640	Photography
W690	Cinematics & photography not elsewhere classified
W700	Crafts
W710	Fabric & leather crafts
W711	Needlecraft
W712	Dressmaking
W713	Soft furnishing
W714	Weaving
W715	Leatherwork
W720	Metal crafts
W721	Silversmithing/goldsmithing

W722	Blacksmithing
W723	Clock/watchmaking
W730	Wood crafts
W731	Carpentry/joinery
W732	Cabinet making
W733	Marquetry & inlaying
W734	Veneering
W740	Surface decoration
W750	Clay & stone crafts
W751	Pottery
W752	Tile making
W753	Stone crafts
W760	Reed crafts
W761	Basketry
W762	Thatching
W770	Glass crafts
W771	Glassblowing
W780	Paper crafts
W781	Bookbinding
W782	Origami
W790	Crafts not elsewhere classified
W800	Imaginative writing
W810	Scriptwriting
W820	Poetry writing
W830	Prose writing
W890	Imaginative writing not elsewhere classified
W900	Others in creative arts & design
W990	Creative arts & design not elsewhere classified
W000	Creative arts & design
X100	Training teachers
X110	Training teachers - nursery
X120	Training teachers - primary
X121	Training teachers - infant (key stage 1)
X122	Training teachers - junior (key stage 2)
X130	Training teachers - secondary
X131	Training teachers - key stage 3
X132	Training teachers - key stage 4
X140	Training teachers - tertiary
X141	Training teachers - further education
X142	Training teachers - higher education
X150	Training teachers - adult education
X151	Training teachers - coaching

X160	Training teachers - specialist
X161	Training teachers - special needs
X162	Teaching English as a Foreign Language (TEFL)
X190	Training teachers not elsewhere classified
X200	Research & study skills in education
X210	Research skills
X220	Study skills
X290	Research & study skills in education not elsewhere classified
X300	Academic studies in education
X310	Academic studies in nursery education
X320	Academic studies in primary education
X330	Academic studies in secondary education
X340	Academic studies in tertiary education
X341	Academic studies in further education
X342	Academic studies in higher education
X350	Academic studies in adult education
X360	Academic studies in specialist education
X370	Academic studies in education (across phases)
X390	Academic studies in education not elsewhere classified
X900	Others in education
X990	Education not elsewhere classified
X000	Education
Y000	Combined/general subject unspecified

ADDITIONAL INFORMATION

The datasets tables Cyy051_SJ (for the Student record) and Cyy054_SJ (for the AP student record) are the JACS subject by full person equivalent (FPE) tables, that hold merged subject data from the appropriate Course and CourseSubject records apportioned using the HESA ‘combination splitter’ methodology.

XJACS01 takes the base fields from the CourseSubject entity for the applicable record and derives its value based on entries in Course.COURSEAIM and Course.TTCID, and additionally weights allocation to education subjects as defined by the methodology.

XFPE01 apportions the subjects to a nominal FPE, according to the number of subjects submitted per Course and the weighting allocated to a Course's subjects.

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

The tables differ across collections in that the Student Cyy051_SJ table creates additional rows for each InstanceKEY, duplicating the Course and CourseSubject information on a per-Instance basis. This allows a link with the Instance table for each row in the SJ table. The AP student Cyy054 record creates only a single row per combination of Course and Course Subject fields, meaning that the rows in the SJ table may correspond to many Instances according to the number of students on any given course. SJ should be joined to Instance using COURSEID and UKPRN.

DEPENDENT FIELDS

XJACSA01

XJACS201

XJACSLEV101

XJACSLEV201

XJACSLEV301

TECHNICAL SPECIFICATION

The creation of the _SJ tables depends on de-duplication to ensure that all Courses are unique, and that Instances contain a COURSEID submitted on Course (i.e. that exception checks that test for de-duplication and Course linkage have run, and have not been switched).

Both tables hold the CourseSubject data apportioned using the field CourseSubject.SBJPCNT.

Cyy051_SJ

For each InstanceKEY linked to a course where the CourseSubject entity exists, create a record in the _SJ table with a total FPE of 100.000.

Join Instance to Course to CourseSubject where:
Instance.UKPRN=Course.UKPRN and
Instance.COURSEID=Course.COURSEID and
Course.UKPRN=CourseSubject.UKPRN and
Course.COURSEID=CourseSubject.COURSEID

For each completed CourseSubject entity create a record containing the fields from that entity, plus Instance.InstanceKEY, Instance.COURSEID, XFPE01, XJACS01, XJACSA01 and XJACS201 calculated as per the specification, following the ‘combination splitter’ methodology below.

Cyy054_SJ

For each Course where the CourseSubject entity exists, create a record in the _SJ table with a total FPE of 100.000.

Join Course to CourseSubject where:
Course.UKPRN=CourseSubject.UKPRN and
Course.COURSEID=CourseSubject.COURSEID

For each completed CourseSubject entity create a record containing the fields from that entity, plus Course.COURSEID, Course.UKPRN, XFPE01, XJACS01, XJACSA01 and XJACS201 calculated as per the specification, following the 'combination splitter' methodology below.

i) The course being followed is a PGCE (level H or M)
If the course being followed is a PGCE (indicated by Course.COURSEAIM and Course.TTCID) then 100% FPE is allocated to an education subject code. If any SBJCA already contains a code beginning X1 that code should be used for XJACS01, otherwise X100 is used. If an instance meets the condition of H71 or M71 and is ITT (indicated by Course.TTCID) and more than one subject is returned in SBJCA:
- and one SBJCA has a SUBSTR(CourseSubject.SBJCA,2)='X1', then take this SBJCA as the XJACS01 record.
- and more than one SBJCA has a SUBSTR(CourseSubject.SBJCA,2)='X1', then take the SBJCA closest to X100 as the XJACS01 record:

Course. COURSEAIM	**Course. TTCID**	**Course Subject. SBJCA**	**XJACS01 VARCHAR2(4)**	**XFPE01 VARCHAR2(7)**	**No. of records/ COURSE SBJKEY**
H71, M71	1, 2, 8, G, Q	If any SUBSTR (SBJCA,2)=X1	SBJCA	100.000	1 record
H71, M71	1, 2, 8, G, Q	If all SUBSTR (SBJCA,2)!=X1	X100	100.000	1 record
H71, M71	!=1, 2, 8, G, Q, (Or is null)	See ii), iii) or iv) 'Otherwise' rows, depending on the number of CourseSubject entities returned			

ii) One CourseSubject entity returned for this Course
If the course being followed is ITT (indicated by Course.TTCID) and SBJCA contains a code beginning X1, that code should be used for XJACS01 with 100% FPE allocation.
If the course being followed is ITT (indicated by Course.TTCID) but SBJCA does not contain a code beginning X1 then 50% FPE is allocated to X100 and 50% is allocated to the subject code in SBJCA.
For non-ITT courses the subject and percentage are recorded as supplied:

Course. COURSEAIM	**Course. TTCID**	**Course Subject. SBJCA**	**XJACS01 VARCHAR2(4)**	**XFPE01 VARCHAR2(7)**	**No. of records/ COURSE SBJKEY**
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)=X1	SBJCA(1)	100.000	1 record
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)!=X1	X100	050.000	2 records
			SBJCA(1)	050.000	
	Otherwise (inc. null)	Otherwise	SBJCA(1)	SBJPCNT(1)*	1 record

* Note: If Business rule is switched, this can be <100.000

iii) Two CourseSubject entities returned for this Course
If the course being followed is ITT (indicated by Course.TTCID) and either SBJCA contains a code beginning X1, that code should be used for one of the XJACS01 codes with 50% FPE allocation, and 50% allocated to the other subject code in SBJCA. (If both SBJCA codes begin X1 each will be allocated 50%).
If the course being followed is ITT (indicated by Course.TTCID) but neither SBJCA contains a code beginning X1 then 50% FPE is allocated to X100 and the remaining 50% is split between the two SBJCA codes.
For non-ITT courses the subject and percentage are recorded as supplied:

Course. COURSEAIM	Course. TTCID	Course Subject. SBJCA	XJACS01 VARCHAR2(4)	XFPE01 VARCHAR2(7)	No. of records/ COURSE SBJKEY
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)=X1	SBJCA(1)	050.000	2 records
			SBJCA(2)	050.000	
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)!=X1	X100	050.000	3 records
			SBJCA(1)	SBJPCNT(1)/2	
			SBJCA(2)	SBJPCNT(2)/2	
	Otherwise (inc. null)	Otherwise	SBJCA(1)	SBJPCNT(1)	2 records
			SBJCA(2)	SBJPCNT(2)	

iv) Three CourseSubject entities returned for this Course

If the course being followed is ITT (indicated by Course.TTCID) and any SBJCA contains a code beginning X1, that code should be used for one of the XJACS01 codes with 50% FPE allocation, and the remaining 50% is split between the two SBJCA codes. (If more than one SBJCA code begins X1, the code nearest to X100 should be allocated 50%), and the remaining 50% is split between the two SBJCA codes.

If the course being followed is ITT (indicated by Course.TTCID) but none of SBJCA contains a code beginning X1 then 50% FPE is allocated to X100 and the remaining 50% is split between the three SBJCA codes.

For non-ITT courses the subject and percentage are recorded as supplied:

Course. COURSEAIM	Course. TTCID	Course Subject. SBJCA	XJACS01 VARCHAR2(4)	XFPE01 VARCHAR2(7)	No. of records/ COURSE SBJKEY
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)=X1	SBJCA(1) Nearest to X100	050.000	3 records
			SBJCA(2)	((SBJPCNT(2) *100)/ (SBJPCNT(2) + SBJPCNT(3)))/2	
			SBJCA(3)	((SBJPCNT(3) *100)/ (SBJPCNT(2) + SBJPCNT(3)))/2	
	1, 2, 8, G, Q	SUBSTR (SBJCA,2)!=X1	X100	050.000	4 records
			SBJCA(1)	SBJPCNT(1)/2	
			SBJCA(2)	SBJPCNT(2)/2	
			SBJCA(3)	SBJPCNT(3)/2	
	Otherwise (inc. null)	Otherwise	SBJCA(1)	SBJPCNT(1)	3 records
			SBJCA(2)	SBJPCNT(2)	
			SBJCA(3)	SBJPCNT(3)	