# U-Multirank 2018

# Specification of programmes and degrees included

This text specifies the range of programmes that can be included in U-Multirank and defines the subjects of the 2018 edition. Both refs as close as possible to the UNESCO ISCED classification of programmes and subjects.

## I.    Degree Programmes

U-Multirank includes all programmes that are equivalent to ISCED classification 6 and 7:

- Bachelor and equivalent (ISCED 6)
- Master and equivalent (ISECED 7)

Hence included are also:

- First degrees equivalent to a Bachelor (up to 4 years duration)
- Undivided long first degrees equivalent to a Master (5 + years)

Not included are:

- Short degrees equivalent to ISCED 5 (e.g. Foundation degrees or associate degrees)
- Graduate certificates/diplomas
- PhD programmes (ISCED 8)

For reasons of comparability we do not include:

- Programmes of teacher education
- Genuine distance learning programmes

## II. Specification of Subjects

As far as possible our definitions and delineations of the field refer to the UNESCO *ISCED-F 2013 Classification of Fields of Education and Training*. For your information the classification of fields is attached as Annex I. The full document can be found here.

In 2018 the 2015 U-Multirank subjects will be updated for the first time. In addition, a number of new subjects will be added. The 2018 data collection includes:
- Medicine (update)
- Dentistry (new)
- Nursing (new)
- Pharmacology/pharmacy (new)
- Psychology (update)
- Social work (update)
- Sociology (update)
- Political science (new)
- Education(new)

**General remark on interdisciplinary programmes**
Inter-disciplinary or broad programmes and qualifications are those which combine several fields of education and training where no single field dominates. Many inter-disciplinary programmes and qualifications cover several narrow or even broad fields (in terms of ISCED-F 2013).
**In our definitions, the '*leading subject rule*' is used to determine the field to which the inter-disciplinary study programme should be assigned.**
To give an example: If a programme consists of 60% history, 20% sociology and 20% philosophy, it should be classified as history as this is the dominant subject.
If there is no leading subject (e.g. 50% chemistry and 50% environmental science), the decision to include the programmes into one of the six U-Multirank 2016 fields is left to the institution.
In the data collection for U-Multirank you can mark if fields are interdisciplinary.

**Please note:**
*Degree programmes which have already been included in one of the U-Multirank 2016 subjects (e.g. in chemistry) cannot be included again in the 2017!*

### 1. Medicine

Our definition of the field corresponds to the narrow field "*912 Medicine*" of ISCED-F 2013.

*For reasons of comparability the ranking will include only institutions/departments/schools that are offering degree programmes in medical doctor education.*

In addition to medical doctor education programmes, other programmes in the field of medicine/clinical medicine and bio-medicine offered by the *same* unit can be included.

## 2. Dentistry

Our definition of the field corresponds to detailed field "*0911 Dental studies*" of ISCED-F 2013 classification.
To participate in the dentistry ranking, units that offer both human medicine and dentistry programmes should be able to split up data on students, staff and income between the two subjects. If not, both should be included in the medicine ranking.

## 3. Nursing

Our definition of the field corresponds to detailed field "*0913 Nursing and midwifery*" of ISCED-F 2013 classification.

Not to be included:
- ISCED detailed field „0915 Therapy and rehabilitation"

## 4. Pharmacy/Pharmacology

Our definition of the field corresponds to the detailed field "*0916 Pharmacy*" of the ISCED 2013 classification.
To participate in the pharmacy ranking, units that offer both human medicine and pharmacy programmes should be able to split up data on students, staff and income between the two subjects.

## 5. Psychology

Our definition of the field corresponds to the detailed field "*0313 Psychology*" of the ISCED 2013 classification.

The following programmes can be included:
- General psychology programmes
- Specialised psychology programmes, as e.g.
  - clinical psychology
  - cognitive psychology
  - social psychology
  - business psychology

## 6. Social work

Our definition of the subject includes the detailed field "0923 Social work and counselling" of the ISCED classification.

The following programmes can be included:
- General social work programmes
- Specialised programmes focusing on particular groups and fields

Not to be included are:
- Education programmes (see 9.)

## 7. Sociology

Our definition of the subject includes the detailed field *"0314 Sociology and cultural studies"* of the ISCED classification.

It is possible to include programmes in:
- Cultural studies
- Social anthropology
- Other social science programmes according to the rules of interdisciplinary programmes (see above)

Not to be included are:
- Political Sciences (see 8)
- Social work (see 6)

## 8. Political Science

Our definition of the subject includes the detailed field "0312 Political sciences and civics" of the ISCED classification.

It is possible to include programmes in:
- Public administration
- Other social science programmes according to the rules of interdisciplinary programmes (see above)

Not to be included are:
- Sociology programmes (see 7)

Note on **political science and sociology**: Interdisciplinary programmes combining those two subjects should be assigned according to our remark on interdisciplinary programmes (see above)

## 9. Education

Our definition of the subject includes the detailed field "0111 Education science" of the ISCED classification.

Due to a lack in international comparability, teacher training programmes (assigned to the following IECED detailed fields) will <u>not</u> be included:

- 0112 Training for pre-school teachers
- 0113 Teacher training without subject specialisation
- 0114 Teacher training with subject specialisation

# Appendix I. ISCED fields of education and training

| Broad field | Narrow field | Detailed field |
|---|---|---|
| 00 Generic programmes and qualifications | 001 Basic programmes and qualifications<br>002 Literacy and numeracy<br>003 Personal skills and development | 0011 Basic programmes and qualifications<br>0021 Literacy and numeracy<br>0031 Personal skills and development |
| 01 Education | 011 Education | 0111 Education science<br>0112 Training for pre-school teachers<br>0113 Teacher training without subject specialisation<br>0114 Teacher training with subject specialisation |
| 02 Arts and humanities | 021 Arts | 0211 Audio-visual techniques and media production<br>0212 Fashion, interior and industrial design<br>0213 Fine arts<br>0214 Handicrafts<br>0215 Music and performing arts |
| | 022 Humanities (except languages) | 0221 Religion and theology<br>0222 History and archaeology<br>0223 Philosophy and ethics |
| | 023 Languages | 0231 Language acquisition<br>0232 Literature and linguistics |
| 03 Social sciences, journalism and information | 031 Social and behavioural sciences | 0311 Economics<br>0312 Political sciences and civics<br>0313 Psychology<br>0314 Sociology and cultural studies |
| | 032 Journalism and information | 0321 Journalism and reporting<br>0322 Library, information and archival studies |
| 04 Business, administration and law | 041 Business and administration | 0411 Accounting and taxation<br>0412 Finance, banking and insurance<br>0413 Management and administration<br>0414 Marketing and advertising<br>0415 Secretarial and office work<br>0416 Wholesale and retail sales<br>0417 Work skills |
| | 042 Law | 0421 Law |

| Broad field | Narrow field | Detailed field |
|---|---|---|
| 05 Natural sciences, mathematics and statistics | 051 Biological and related sciences | 0511 Biology<br>0512 Biochemistry |
| | 052 Environment | 0521 Environmental sciences<br>0522 Natural environments and wildlife |
| | 053 Physical sciences | 0531 Chemistry<br>0532 Earth sciences<br>0533 Physics |
| | 054 Mathematics and statistics | 0541 Mathematics<br>0542 Statistics |
| 06 Information and Communication Technologies (ICTs) | 061 Information and Communication Technologies (ICTs) | 0611 Computer use<br>0612 Database and network design and administration<br>0613 Software and applications development and analysis |
| 07 Engineering, manufacturing and construction | 071 Engineering and engineering trades | 0711 Chemical engineering and processes<br>0712 Environmental protection technology<br>0713 Electricity and energy<br>0714 Electronics and automation<br>0715 Mechanics and metal trades<br>0716 Motor vehicles, ships and aircraft |
| | 072 Manufacturing and processing | 0721 Food processing<br>0722 Materials (glass, paper, plastic and wood)<br>0723 Textiles (clothes, footwear and leather)<br>0724 Mining and extraction |
| | 073 Architecture and construction | 0731 Architecture and town planning<br>0732 Building and civil engineering |

| Broad field | Narrow field | Detailed field |
|---|---|---|
| 08 Agriculture, forestry, fisheries and veterinary | 081 Agriculture | 0811 Crop and livestock production<br>0812 Horticulture |
| | 082 Forestry | 0821 Forestry |
| | 083 Fisheries | 0831 Fisheries |
| | 084 Veterinary | 0841 Veterinary |
| 09 Health and welfare | 091 Health | 0911 Dental studies<br>0912 Medicine<br>0913 Nursing and midwifery<br>0914 Medical diagnostic and treatment technology<br>0915 Therapy and rehabilitation<br>0916 Pharmacy<br>0917 Traditional and complementary medicine and therapy |
| | 092 Welfare | 0921 Care of the elderly and of disabled adults<br>0922 Child care and youth services<br>0923 Social work and counselling |
| 10 Services | 101 Personal services | 1011 Domestic services<br>1012 Hair and beauty services<br>1013 Hotel, restaurants and catering<br>1014 Sports<br>1015 Travel, tourism and leisure |
| | 102 Hygiene and occupational health services | 1021 Community sanitation<br>1022 Occupational health and safety |
| | 103 Security services | 1031 Military and defence<br>1032 Protection of persons and property |
| | 104 Transport services | 1041 Transport services |

In addition to the detailed fields in the table above; "0", "8" and "9" may be used (see also the guidelines in Sections 7 and 8):

'8' is used at the narrow and detailed field level when classifying inter-disciplinary or broad programmes and qualifications to the broad field in which the greater part of the intended learning time is spent (e.g. 0288 'Inter-disciplinary programmes and qualifications involving arts and humanities'). '0' is used when no further information is available about the field than the field description at the next higher level of the classification hierarchy (i.e. at the broad field or at the narrow field level).

'9' is used at the detailed field level when classifying programmes and qualifications which do not fit within any of the listed detailed fields.

'9999' , '999" or "99" can be used in data collections, especially in surveys if the field is not known.