

# INTERNATIONAL CLASSIFICATION AND INDEXING BIBLIOGRAPHY

260599

## ICIB 1

### CLASSIFICATION SYSTEMS AND THESAURI, 1950-1982

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Introduction into the work by I.Dahlberg and bibliography of some 2250 citations with a great number of annotations. It covers in Pt.1 the universal classification systems, subject headings lists and thesauri of the years 1950-1982 including all editions of UDC, DDC, LCC, Bliss, Colon and the Russian LBC Classification. Pt.2 lists special subject classification systems and thesauri in systematic arrangement according to the subject groups and fields of the new ICC (Information Coding Classification). There are personal and corporate author indexes as well as a subject index and correlation tables between UDC and ICC and vice versa. Country and language codes are provided as well as a list of abbreviations used.

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# Annex 2: Information Coding Classification (ICC)

## SURVEY ON THE FIRST LEVEL SUBDIVISIONS

1	FORM AND STRUCTURE AREA	55	Psychology
11	Logic	56	Education
12	Mathematics	57	Profession, Labour, Leisure
13	Statistics	58	Sports and Games
14	Systemology	59	Household and Home Life
15	Organization Sci. & Technol.		
16	Metrology	6	SOCIO AREA
17	Cybernetics (Control, Automat.)	61	Sociology
18	Standardization	62	State and Politics
19	Testing and Checking	63	Public Administration
		64	Money and Finances
2	ENERGY AND MATTER AREA	65	Social Aid, Social Politics
21	Mechanics	66	Law
22	Physics of Matter	67	Area Planning and Urbanism
23	Gen. & Techn. Physics	68	Military Sci. & Technol.
24	Electronics	69	History
25	Physical Chemistry		
26	Pure Chemistry	7	ECON. & TECHN. PROD. AREA
27	Chem. Technol. & Engg.	71	Gen. Economics and Nat. Economy
28	Energy Science & Technol.	72	Management of Enterprises
29	Electrical Engg.	73	Technol., Engg. in general
		74	Mechanical Engineering
3	COSMO AND GEO AREA	75	Building
31	Astronomy & Astrophysics	76	Commodity Sci. & Technol.
32	Astronautics & Space Res.	77	Vehicle Sci. & Technol.
33	Basic Geosciences	78	Transport Technol. & Serv.
34	Atmospher. Sci., Meteorology	79	Service Economics
35	Hydrospher. & Oceanol. Sci.		
36	Geological Sciences	8	SCIENCE & INFORM. AREA
37	Mining	81	Science of Science
38	Materials Sci. & Metallurgy	82	Information Sciences
39	Geography	83	Computer Sci. & Technol.
		84	Information in general
4	BIO AREA	85	Communication Sci. & Techn.
41	Basic Biological Sciences	86	Mass Communication
42	Microbiology and Cultivation	87	Printing and Publishing
43	Plant Biology and Cultivation	88	Communication Engg.
44	Animal Biology and Breeding	89	Semiotics
45	Veterinary Science		
46	Agriculture and Horticulture	9	HUMANITIES & CULTURE AREA
47	Forestry & Wood Sci. & Techn.	91	Language
48	Food Sciences & Technol.	92	Literature and Philology
49	Ecology and Environm. Sci. & T.	93	Music
		94	Fine Arts
5	HUMAN AREA	95	Performing Arts. Theatre
51	Human Biology	96	Culture Science (Ethnol. etc.)
52	Health & Theor. Medicine	97	Philosophy
53	Pathology & Spec. Medicine	98	Non-Christ. Rel. & Secr. Teach.
54	Clinical Med. & Nature Cure	99	Christian Religion & Theology

1 FORM- UND STRUKTURBEREICH

FORM- AND STRUCTURE AREA

- 11 LOGIK  
111 Allgemeine Grundlagen  
112 Formale Logik  
113 Logische Methodenlehre  
114 Modallogik  
115 frei  
116 Mehrwertige Logik  
117 Metalogik  
118 Angewandte Logik  
119 Aktuowiss.u.Profess.Asp.
- 12 MATHEMATIK  
121 Logische Grundl.d.Mathematik  
122 Zahlenth., Mengenlehre, Algebra  
123 Analysis  
124 Geometrie  
125 Topologie  
126 Zeitbezogene Mathematik  
127 Praktische Mathematik  
128 Angewandte Mathematik  
129 Aktuowiss.u.profess.Asp.
- 13 STATISTIK  
131 Mathemat.Grundlagen d.Statistik  
132 Theoretische Statistik  
133 Statistische Methodik und Technik  
134 Cluster Analyse  
135 frei  
136 Spieltheorie  
137 Angew.Statistik, naturwiss.Ber.  
138 Angew.Statist., Wirtsch., Kultur  
139 Aktuowiss.u.profess.Asp.
- 14 SYSTEMWISSENSCHAFT  
141 Systemtheorie  
142 Systemtypologie  
143 Systemtechnik  
144 frei  
145 frei  
146 frei  
147 frei  
148 Angewandte Systemtechnik  
149 Aktuowiss.u.profess.Asp.
- 15 ORGANISATIONSWISS.u.TECHNIK  
151 Allgem.u.theoret.Grundl.  
152 Organisationstypologie  
153 Organisationsmethodik und -technik  
154 Operations Research  
155 Planung  
156 Entscheidung

- LOGIC  
General foundations  
Formal logic  
Logical methodology  
Modal logic  
free  
Manyvalued logic  
Metalogic  
Applied logic  
Actuosciences & profess.aspects
- MATHEMATICS  
Logical foundations of mathematics  
Number theory, set th., algebra  
Analysis  
Geometry  
Topology  
Time-related mathematics  
Practical mathematics  
Applied mathematics  
Actuosciences & profess.aspects
- STATISTICS  
Mathem.foundations of statistics  
Theoretical statistics  
Statist.methodol.and techniques  
Cluster analysis  
free  
Game theory  
Applied statistics in science  
Applied statistics in econ., culture  
Actuosciences & profess.aspects
- SYSTEMOLOGY  
Systems theory & analysis  
Systems typology  
Systems engineering  
free  
free  
free  
free  
Systems engg.in application fields  
Actuosciences & profess.aspects
- ORGANIZATION SCI. & TECHNOL.  
General & theor. foundations  
Typology of organizations  
Methodol.and technol.of organiz.  
Operations research  
Planning  
Decision making

157	Rationalisierung	Rationalization
158	Angewandte Organisationslehre	Applied organiz.sci.and technol.
159	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
16	METROLOGIE	METROLOGY
161	Theoretische Metrologie	Theoretical metrology
162	Maßwesen	Kinds and systems of measurement
163	Meßverfahren u.meßtechnische Tätigkeiten	Measurement procedures and activities
164	Meßgerätetechnik	Measurement instrument technology
165	frei	free
166	Feinmeßtechnik	Precision measurement
167	Eichwesen	Calibration
168	Angew.Meßtechnik	Applied measurement technology
169	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
17	KYBERNETIK	CYBERNETICS
171	Allg.u.theoret.Grundl.	General & theor. foundations
172	Lehre von den Regelkreisen	Regulation and control syst.
173	Regelungstechnik	Control systems engineering
174	Steuerung	(no term existing)
175	Automation	Automation
176	frei	free
177	Kybernetik natürlicher Systeme	Cybernetics of natural systems
178	Kybernetik künstlicher Systeme	Cybernetics of artificial systems
179	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
18	NORMUNG	STANDARDIZATION
181	Allg.u.theoret.Grundl.	General & theor. foundations
182	Normentypologie	Standards
183	Normungstechnik	Standardization technology
184	Normungsarbeit	Standardization work
185	Verbandsbezogene Normungsarb.	Association-related standard.work
186	Nationale Normungsarbeit	National standardization work
187	Internationale Normungsarbeit	International standardization work
188	Angewandte Normung	Applied standardization
189	Normenpraxis	Standardization practice
19	PRÜFUNGS- UND KONTROLLWESEN	TESTING AND CHECKING
191	Allgem.u.theoret.Grundl.	General & theor. foundations
192	Qualitätslehre	Quality science
193	Prüfungstechnik	Testing technology
194	Schadenslehre	Damages and defects
195	Sicherheitswissenschaft	Security science
196	frei	free
197	Technische Überwachung	Inspection
198	Angewandtes Prüfungswesen	Applied testing
199	Aktuowiss.u.prof. Aspekte	Actuosciences and prof.aspects

2 ENERGIE- UND MATERIEBEREICH

21 MECHANIK  
211 Theoretische Mechanik  
212 Statik  
213 Kinematik, Kinetik, Dynamik  
214 Mechanik der Schwingungen  
215 Mechanik der Massenpunkte  
216 Mechanik der starren Körper  
217 Mechanik d.deformierbaren Körper  
218 Angewandte Mechanik  
219 Aktuowiss.u.profess.Asp.

22 MATERIEPHYSIK  
221 Theoret.Grundl.d.Materiephysik  
222 Physik der Elementarteilchen  
223 Strahlenphysik  
224 Plasmaphysik  
225 Physik der Gase  
226 Physik der Flüssigkeiten  
227 Allg. Physik der kondens.Materie  
228 Festkörperphysik  
229 Grenzflächenphysik

23 ALLGEM.U.TECHN.PHYSIK  
231 Theoretische Physik  
232 Physik der extremen Zustände  
233 Experimentalphysik  
234 Elektronentheorie  
235 Thermophysik  
236 Optik  
237 Akustik  
238 Physik in Anwendungsgebieten  
239 Aktuowiss.u.profess.Asp.

24 ELEKTRONIK  
241 Allg.u.theoret.Grundl.  
242 Quantenelektronik  
243 Halbleiterelektronik  
244 Photo- und Optoelektronik  
245 Vakuum- und Gaselektronik  
246 Elektronenoptik  
247 Technische Elektronik  
248 Angewandte Elektronik  
249 Aktuowiss.u.profess.Asp.

25 PHYSIKALISCHE CHEMIE  
251 Theoretische Chemie  
252 Spektroskopie (Objektbezug)  
253 Spektroskopie (Methodenbezug)  
254 Reaktionschemie  
255 Nuklearchemie  
256 Spez.Phys.Chem.d.Aggregatzustände

ENERGY- AND MATTER AREA

MECHANICS  
Theoretical mechanics  
Statics  
Kinetics, dynamics, cinematics  
Mechanics of vibrations  
Mechan.of particles; part.mech.  
Mechanics of rigid bodies  
Mechanics of non-rigid bodies  
Applied mechanics  
Actuosciences & profess.aspects

PHYSICS OF MATTER  
Theoret.foundat.of matter physics  
Physics of particles; part.phys.  
Radiation physics  
Plasma physics  
Gas physics  
Physics of liquids  
Condensed matter physics  
Physics of solids  
Physics of boundary surfaces

GENERAL & TECHNICAL PHYSICS  
Theoretical physics  
Physics of extreme states  
Experimental physics  
Electron theory  
Thermophysics  
Optics  
Acoustics  
Physics in application fields  
Actuosciences & profess.aspects

ELECTRONICS  
General & theor. foundations  
Quantum electronics  
Semiconductor electronics  
Photo- and optoelectronics  
Vacuum and gas electronics  
Electron optics  
Technical electronics  
Applied electronics  
Actuosciences & profess.aspects

PHYSICAL CHEMISTRY  
Theoretical chemistry  
Spectroscopy (objects)  
Spectroscopy (methods)  
Reaction chemistry  
Nuclear chemistry  
Spec.phys.chem.of stat.of matter

257	Spezielle Physikalische Chemie d. Phänomene	Special physical chemistry of phenomena
258	Angewandte Physikalische Chemie	Applied physical chemistry
259	Aktuowiss.u.profess. Asp.	Actuosciences & profess.aspects
26	REINE CHEMIE	PURE CHEMISTRY
261	Allgemeine Chemie	General chemistry
262	Period. System der Elemente	Periodic table of elements
263	Analytische Chemie	Analytical chemistry
264	Anorganische Chemie	Inorganic chemistry
265	Organische Chemie	Organic chemistry
266	Komplexchemie	Chemistry of complex components
267	Makromolekulare Chemie	Polymer chemistry
268	Angewandte Chemie (untersuch.)	Applied chemistry (investigating)
269	Aktuowiss.u.profess. Asp.	Actuosciences & profess.aspects
27	TECHNISCHE CHEMIE	CHEMICAL TECHNOL. & ENGG.
271	Allg.u.theoret.Grundl.	General & theor. foundations
272	Chemisches Apparatewesen	Chemical engineering equipment
273	Chemische Technologie	Chemical engineering
274	Anorganisch-technische Chemie	Technol.of inorg.chemicals
275	Organisch-technische Chemie	Technol.of organic chemicals
276	Pharmazeutische Chemie	Pharmaceutical chemistry
277	Farbenchemie	Paint technology
278	Sonstige produzierende Chemie	Chem.technol.of other products
279	Aktuowiss.u.profess. Asp.	Actuosciences & profess.aspects
28	ENERGIEWESEN	ENERGY SCIENCE & TECHNOL.
281	Allg.u.theoret.Grundl.	General & theor. foundations
282	Primäre Energiequellen u. -gewinnung	Prim.sourc.of energy & conversion
283	Gewinnung, Speicherung u.Verbrauch von Wärmeenergie	Thermal engineering and applied thermodynamics
284	Kernenergetik	Nuclear engg.and technology
285	Rohstoffbezogene Energiegewinnung	Materials rel.convers.of energy
286	Chemische u.sonstige Verfahren d. Energiegewinnung	Chemical and other procedures of energy conversion
287	Energieumwandlung	Direct (energy)conversion
288	Energiewirtsch., -recht u.-versor.	Energy economics
289	Aktuowiss.u.profess. Asp.	Actuosciences & profess.aspects
29	ELEKTROTECHNIK	ELECTRICAL ENGINEERING
291	Allg.u.theoret.Grundl.	General & theor. foundations
292	Lehre v.d.Werkstoffen u.Bauelem.	Equipment and components
293	Technologie der Elektrotechnik	Electrical power engineering
294	Elektrische Netz- u.Schalttechnik	Electric network technology
295	Elektrische Meßtechnik	Electrical measurement
296	Elektrische Regelungstechnik	Electrical regulation
297	Praktische Elektrotechnik	Practical electrical engineering
298	Angewandte Elektrotechnik	Applied electrical engineering
299	Aktuowiss.u.profess. Asp.	Actuosciences & profess.aspects

- |     |                                      |                                   |
|-----|--------------------------------------|-----------------------------------|
| 31  | ASTRONOMIE UND ASTROPHYSIK           | ASTRONOMY AND ASTROPHYSICS        |
| 311 | Theoretische Astrophysik             | Theoretical astron. & astrophys.  |
| 312 | Beschreibende Astronomie             | Descriptive astrophysics          |
| 313 | Astron. Beobacht. u. Auswertung      | Practical astronomy & astrophys.  |
| 314 | Astron. d. Sonne u. i. Planetensyst. | Solar system astronomy            |
| 315 | Physik der Sterne                    | Physics of stars                  |
| 316 | Astronomie der Sternverbände         | Astronomy of stellar systems      |
| 317 | Astron. außergewöhnl. Himmelsersch.  | Astron. of extraord. phenomena    |
| 318 | Astronomie in Anwendungsgebieten     | Astronomy in application fields   |
| 319 | Aktuowiss. u. profess. Asp.          | Actuosciences & profess. aspects  |
| 32  | RAUMFAHRT u. WELTRAUMFORSCH.         | ASTRONAUTICS & SPACE RES.         |
| 321 | Allg. u. theoret. Grundl.            | General & theor. foundations      |
| 322 | Raumflugkörper- u. -fahrzeugtechnik  | Astr. engg. Astronautical engg.   |
| 323 | Raumfahrt                            | Space flight                      |
| 324 | Raumfahrtbodenanl. u. -betriebsorg.  | Terrestrial facilities            |
| 325 | Leben im Weltraum                    | Life in space                     |
| 326 | Probleme der Raumfahrt               | Problems of space flight          |
| 327 | Extraterrestrische Forschung         | Extraterrestrial research         |
| 328 | Verf.-techn. u. Fertigg. im Weltraum | Engineering & production in space |
| 329 | Aktuowiss. u. profess. Asp.          | Actuosciences & profess. aspects  |
| 33  | GEOLOGISCHE GRUNDLAGENWISS.          | BASIC GEOSCIENCES                 |
| 331 | Allg. u. theoret. Grundl.            | General & theor. foundations      |
| 332 | Lehre v. Erdaufbau und Erdfigur      | Structure and form of earth       |
| 333 | Dynamische Geologie                  | Geodynamics                       |
| 334 | Geodäsie                             | Geodesy and surveying             |
| 335 | Geophysik                            | Geophysics                        |
| 336 | Geochemie                            | Geochemistry                      |
| 337 | frei                                 | free                              |
| 338 | Paläontologie                        | Palaeontology                     |
| 339 | Historische Geologie                 | Historical geology                |
| 34  | METEOROLOGIE; ATMOSPHÄR. WISS.       | ATMOSPHER. SCI., METEOROLOGY      |
| 341 | Allgem. u. theoret. Grundl.          | General & theor. foundations      |
| 342 | Allgemeine Meteorologie              | General meteorology               |
| 343 | Praktische Meteorologie              | Practical meteorology             |
| 344 | frei                                 | free                              |
| 345 | frei                                 | free                              |
| 346 | Klimatologie                         | Climatology                       |
| 347 | frei                                 | free                              |
| 348 | Meteorologie in Anwendungsgebieten   | Applied meteorology               |
| 349 | Aktuowiss. u. profess. Asp.          | Actuosciences & profess. aspects  |
| 35  | HYDRO- U. OZEANOLOG. WISS.           | HYDROSPH. & OCEANOLOG. SCI.       |
| 351 | Allgem. u. theoret. Grundl.          | General & theor. foundations      |
| 352 | Wasserwissenschaft i. e. S.          | Hydrography                       |
| 353 | Wassertechnologie                    | Practical hydrology               |
| 354 | Hydrologie                           | Hydrology                         |
| 355 | Ozeanologie                          | Oceanography (=Oceanology)        |



356	Meerestechnik	Practical oceanography
357	Wasserbau	Hydraul.construction engg.
358	Wasserwirtschaft	Hydro-economics
359	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

36	GEOLOGISCHE WISSENSCHAFTEN	GEOLOGICAL SCIENCES
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361	Allgem.u.theoret.Grundl.	General and theor. foundations
362	Lagerstätten-Geologie	Economic geology
363	Angewandte Lagerstättenlehre	Practical geology
364	Petrographie	Petrology
365	Mineralogie	Mineralogy
366	Pedologie	Soil science
367	Regionale Geologie	Regional geology
368	Geologie in Anwendungsgebieten	Geology in application fields
369	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

37	BERGBAU u. BERGWISSENSCHAFT	MINING
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371	Allgem.u.theoret.Grundl.	General & theor. foundations
372	Bergbau i.e.S.	Mine equipment, install.& services
373	Aufbereitung u.Veredelung v. Mineralien u.Gesteinen	Mining methodology
374	Erzbergbau	Metal mining
375	Kohlebergbau	Coal mining
376	Erdöl- und Erdgasbergbau	Oil & gas extraction technology
377	Gesteinsabbau & Salzbergbau	Non-metallic mineral mining
378	Abbau sonstiger Endprodukte	Mining of other geoproducts
379	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

38	HÜTTENWESEN u. WERSTOFFWESEN	MATERIALS SCI.& METALLURGY
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381	Allgem.u.theoret.Grundl.	General & theor. foundations
382	Werkstoffkunde	Materials sciences
383	Hüttenwesen und Metallurgie	Metallurgy
384	Metallkunde und -technologie	Metal tech.,metallur.& m.products
385	Nichtmetallische anorganische Werk- stoffkunde u.Technologie	Non-metallic mineral science and technology
386	Organische Werkstoffkunde u.Techn.	Organic materials, sci.and techn.
387	Werkstoffk.u.-technol.d.Kunstst.	Science & technology of plastics
388	Werkstoffe in Anwendungsgebieten	Materials in application fields
389	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

39	GEGGRAPHIE	GEOGRAPHY
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391	Allgem.u.theoret.Grundl.	General & theor. foundations
392	Geomorphologie	Geomorphology
393	Biogeographie	Biogeography
394	Landschaftsgeographie	Geography of landscapes
395	Anthromorphologie	Human geography
396	Wirtschaftsgeographie	Economic geography
397	Regionale Geographie	Regional geography
398	Geographie in sonst.Anw.gebieten	Geography in other appl.fields
399	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

4 BIOBEREICH

- 41 BIOLOGISCHE GRUNDLAGENWISS.  
 411 Allgemeine Biologie  
 412 Genetik  
 413 Allg.Methoden biolog.Forschung  
 414 Biometrie  
 415 Biophysik  
 416 Biochemie  
 417 Bionik  
 418 Biologie in Wissensbereichen  
 419 Aktuowiss.u.profess.Asp.

- 42 MIKROBIOLOGIE UND -KULTUR  
 421 Allgem.u.theoret.Grundl.  
 422 Spezielle Mikrobiologie  
 423 Allgemeine Mikrobiologie  
 424 Biodegradation  
 425 Mikrobielle Technologie  
 426 Mikrobielle Produktion  
 427 frei  
 428 Mikrobiologie in Anwendungsgebieten  
 429 Aktuowiss.u.profess.Asp.

- 43 PFLANZENBIOLOGIE UND -KULTUR  
 431 Allgem.u.theoret.Grundl.  
 432 Systematische Botanik  
 433 Allgemeine Botanik  
 434 Phytomedizin  
 435 Pflanzenzüchtung  
 436 Pflanzenbauwissenschaft  
 437 Spezielle Pflanzenbaulehre  
 438 Zierpflanzenbau  
 439 Aktuowiss.u.profess.Asp.

- 44 TIERBIOLOGIE UND -KULTUR  
 441 Allgem.u.theoret.Grundl.  
 442 Zoologische Systematik  
 443 Allgemeine Zoologie  
 444 Wildbiologie und Jagdwesen  
 445 Tierzucht und -haltung  
 446 Aquatische Biologie und Fischerei  
 447 Nutztierkunde  
 448 Tierbiologie in spez.Lebensräumen  
 449 Aktuowiss.u.profess.Asp.

45 VETERINÄRMEDIZIN

- 451 Allgem.u.theoret.Grundl  
 452 Spezielle Veterinärpathologie  
 453 Prakt.u.klinische Vet.med.  
 454 Parasitologie

BIO AREA

- BASIC BIOLOGICAL SCIENCES  
 General biology  
 Genetics  
 Pract.biology, techn.& equipment  
 Biometrics  
 Biophysics  
 Biochemistry  
 Bio engineering  
 Applied biology  
 Actuosciences & profess.aspects

- MICROBIOLOGY AND CULTIVAT.  
 General & theor.foundations  
 Special microbiology  
 General microbiology  
 Biodegradation  
 Technical microbiology  
 Microbiological production  
 free  
 Applied microbiologie  
 Actuosciences & profess.aspects

- PLANT BIOLOGY AND CULTIVAT.  
 General & theor. foundations  
 Systematic botany  
 General botany  
 Phytopathology  
 Practical botany,techn.& equipm.  
 Plant cultivation  
 Special plant cultivation  
 Cultivation of decorative plants  
 Actuosciences & profess.aspects

- ANIMAL BIOLOGY AND BREEDING  
 General & theor. foundations  
 Special zoology  
 General zoology  
 Wild life hunting  
 Animal breeding  
 Aquatic biology and fishing  
 Spec.life stock & domestic animals  
 Animal biology in spec.environm.  
 Actuosciences & profess.aspects

VETERINARY SCIENCE

- General & theor. foundations  
 Veterinary pathology  
 Practical and clin.vet.medicine  
 Parasitism

455	Tierschutz	Animal protection
456	Tierzuchthygiene	Hygiene of animal breeding
457	Veterinärmed.Lebensmittelhygiene	Hygiene of food from animals
458	Veterinärwesen in Anwendungsgeb.	Vet.med.in application fields
459	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
46	LANDWIRTSCH.u.LANDWIRTSCH.WISS.	AGRICULTURE
461	Allgem.u.theoret.Grundl.	General & theor. foundations
462	Agrarökonomie	Farm management & organization
463	Landtechnik	Agricultural engg.& equipment
464	Ackerbau	Crops and soil management
465	Pflanzenproduktion	Plant crops production
466	Tierische Produktion	Products of animal husbandry
467	Spezielle Landwirtschaft	Agriculture in partic.environment
468	Gartenbau	Horticulture
469	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
47	FORSTWIRTSCHAFT	FORESTRY
471	Forstliche Grundwissenschaften	Basic forest sciences
472	Forstliche Betriebswirtschaft	Forest Management
473	Waldbau	Forest developm., engg.& work
474	Forstpathologie und Forstschutz	Forest protection, injuries & damage
475	Forstbenutzung	Harvesting & handling of wood
476	Holz und Holzforschung	Forest products & their utilization
477	Holztechnik	Wood technology
478	Holzwirtschaft	Wood economics
479	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
48	LEBENSMITTELWISS. u. -TECHNOL.	FOOD SCIENCES & TECHNOL.
481	Allgem.u.theoret.Grundl.	General & theor.foundations
482	Lebensmittelanalyse	food analysis
483	Lebensmitteltechnologie	Preparat.& conserv.of foodstuffs
484	Pflanzliche Lebensmittelkunde	Food based on plants
485	Tierische Lebensmittelkunde	Food based on animals
486	frei	free
487	Kunde u.Technol.gemischter Lebensmittel	Mixed food science and technol.
488	Getränke- und Genußmittelwesen	Alcoholics, beverages and tobacco
489	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
49	ÖKOLOGIE UND UMWELT	ECOLOGY AND ENVIRONM.SCI.
491	Allgem.u.theoret.Grundl.	General & theor.foundations
492	Ökosystemforschung	Ecosystems research
493	Landespflege	Nature conservation
494	Umweltschädig.u.-katastrophenschutz	Natural disasters & catastrophies
495	Humanökologie	Human ecology
496	Umweltschutz	Environmental protection
497	Umwelttechnik	Environmental technology
498	Umweltökonomie	Environmental economics
499	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

5 HUMANBEREICH

51 HUMANBIOLOGIE  
 511 Anthropologie  
 512 Anatomie des Menschen  
 513 Physiologie des Menschen  
 514 Neurobiologie des Menschen  
 515 Biologie d.menschl.Sinnesorgane  
 516 Biologie d.menschl.Fortpflanzung  
 517 Psychobiologie  
 518 Ernährungswissenschaft  
 519 Biologie der Lebensalter

52 GESUNDHEITSWES. & THEOR.MEDIZIN  
 521 Allgem.u.theoret.Grundl.  
 522 Pharmazie  
 523 Pharmakologie und Toxikologie  
 524 Ätiologie  
 525 Hygiene und Präventivmedizin  
 526 Immunbiologie und Impfwesen  
 527 Medizin.Physik u.biomed.Technik  
 528 Medizin in Lebensbereichen  
 529 Aktuowiss.u.profess.Asp.

53 PATHOLOGIE u. SPEZ. MEDIZIN  
 531 Allg.u.vergleichende Pathologie  
 532 Path.u.Med.d.Stütz-, Beweg,Int.syst.  
 533 Innere Medizin  
 534 Neurologie  
 535 Cervico-fac.Med.u.Med.d.Sinnesorg.  
 536 Zahnmedizin  
 537 Psychiatrie  
 538 Sonstige spez.Pathologie  
 539 Medizin d.Lebensalter u.Geschl.

54 KLINISCHE MEDIZIN u.Naturverfahren  
 541 Unfallmedizin  
 542 Krankenhauswesen  
 543 Laboratoriumsmedizin  
 544 Radiologie  
 545 Chirurgie  
 546 Therapeutik  
 547 Naturheilkunde  
 548 Klinische Medizin spez.Krankheiten  
 549 Medizinische Rehabilitation

55 PSYCHOLOGIE  
 551 Allgem.u.theoret.Grundl.  
 552 Allgemeine Psychologie  
 553 Psychologische Methodenlehre  
 554 Entwicklungspsychologie  
 555 Persönlichkeitspsychologie  
 556 Sozialpsychologie

HUMAN AREA

HUMAN BIOLOGY  
 Physical anthropology  
 Human anatomy  
 Human physiology  
 Human neurobiology  
 Biol.of the human sense organs  
 Human developmental biology  
 Psychobiology  
 Human nutrition  
 Biology of developm. stages

HEALTH & THEOR. MEDICINE  
 General & theor.foundations  
 Pharmacy  
 Pharmacology and toxicology  
 Aetiology & pathogenesis  
 Hygiene and preventive medicine  
 Immunbiology and vaccination  
 Medical physics & biomed. technol.  
 Environmental medicine  
 Actuosciences & profess.aspects

PATHOLOGY & SPEC.MEDICINE  
 General and comparative pathology  
 Integument.& musculoskeletal syst.  
 Internal medicine  
 Neurology  
 Cervico-fac.med.& m.of sense-org.  
 Dentistry  
 Psychiatry  
 Other kinds of diseases  
 Pathol.of dev.stages,men & woman

CLINICAL MEDICINE & NATURE CURE  
 Traumatology  
 Hospitals and related facilities  
 Laboratory medicine  
 Radiology  
 Surgery  
 Therapeutics  
 Nature cure  
 Clinical medicine of special diseases  
 Rehabilitation treatment

PSYCHOLOGY  
 General & theor. foundations  
 General psychology  
 Psychological methodology  
 Developmental psychology  
 Psychology of personality  
 Social psychology

557	Parapsychologie	Parapsychology
558	Angewandte Psychologie	Applied psychology
559	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
56	PÄDAGOGIK	EDUCATION
561	Allgemeine Pädagogik	General education
562	Bildung	Educational values and goals
563	Praktische Pädagogik	Practical education
564	Schulwesen	School education
565	Unterrichtswissenschaft	Didactics
566	Sonderpädagogik/Heilpädagogik	Special education
567	Außerschul.Bildung und Erziehung	Adult education
568	Pädagogik in Anwendungsgebieten	Education in application fields
569	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
57	BERUF, ARBEIT, FREIZEIT	PROFESSION, LABOUR, LEISURE
571	Allgem.u.theoret.Grundl.	General & theor. foundations
572	Berufskunde	Professions and occupations
573	Berufspädagogik und Berufsbildung	Vocational education & training
574	Arbeitswissenschaft	Work study
575	Arbeitsschutz und -medizin	Work environment
576	Arbeitswirtschaft	Labour economics
577	Lohn, Vergütung, Einkommen	Remuneration and income
578	Freizeit	Leisure
579	Urlaub	Vacation
58	SPORT UND SPIEL	SPORTS AND GAMES
581	Sportwissenschaft	Sport sciences
582	Gymnastik und Turnen	Gymnastics
583	Athletik	Athletic sports
584	Sportarten (Landbezogen)	Kinds of sports (land)
585	Wassersport	Water sports
586	Motorsport u.luftbezog.Sportarten	Motor sports & air-rel.sports
587	Sportspiele	Games (sports)
588	Sportliche Anwendungsbereiche	Application fields of sports
589	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
59	HAUSHALT UND HÄUSL. LEBEN	HOUSEHOLD AND HOME LIFE
591	Haushaltswissenschaften	Household sciences
592	Wirtschaftslehre des Haushalts	Household economics
593	Technik u.Arbeitsl.d.Haushalts	Household technology and work
594	Wohnlehre	Housing; home living
595	Angew.Ernährungslehre	Cookery & cuisine
596	Bekleidungslehre	Clothing
597	Werken und Basteln	Hobbies
598	Spiel/Gesellschaftsspiel	Plays and toys
599	Geselligkeit, Feiern	Social diversions and pastimes



6 SOZIOBEREICH

- 61 SOZIOLOGIE  
 611 Allgem.u.theoret.Grundl.  
 612 Sozialstruktur  
 613 Empirische Sozialforschung  
 614 Soziale Probleme  
 615 Demographie  
 616 Futurologie  
 617 frei  
 618 Spez.Sozioologie, Anwendungsber.  
 619 Aktuowiss.u.profess.Asp.

- 62 STAAT UND POLITIK  
 621 Politikwissenschaft  
 622 Staatslehre  
 623 Regierungslehre, Innenpolitik  
 624 Parteiwesen und Wahl  
 625 Außenpolitik  
 626 Politik einzelner Länder  
 627 Internationale Politik  
 628 Politik in Anw.ber. Sektorale Pol.  
 629 Verbands- und Vereinspolitik

- 63 VERWALTUNG  
 631 Allg.u.theor.Grundlagen  
 632 Verwaltungsaufg. Verwaltungsmittel  
 633 Verwaltungspraxis incl. -kontrolle  
 634 Verwaltungsorganisation  
 635 Personalverwaltung  
 636 Polizei  
 637 frei  
 638 Verwaltung in Anwendungsbereichen  
 639 Aktuowiss.u.profess.Asp.

- 64 GELD UND FINANZEN  
 641 Finanzwissenschaft  
 642 Geldwesen  
 643 Finanzwirtschaft  
 644 Steuerwesen  
 645 Finanzierung  
 646 Treuhand- und Bewertungswesen  
 647 frei  
 648 Finanzwirtsch.in Anwendungsber.  
 649 Aktuowiss.u.profess.Asp.

- 65 SOZIALE HILFE/SOZIALPOLITIK  
 651 Allgem.u.theoret.Grundl.  
 652 Systematik der Hilfsbedürftigen  
 653 Sozialpolitik  
 654 Sozialpädagogik  
 655 Sozialhilfe

SOCIO AREA

- SOCIOLOGY  
 General & theor.foundations  
 Social structure  
 Social research  
 Social problems  
 Demography  
 Futurology  
 free  
 Sociology in application fields  
 Actuosciences & profess.Aspects

- STATE AND POLITICS  
 Political science  
 Political systems, state organiz.  
 Government and internal politics  
 Political parties and and elections  
 External politics  
 Politics of particular states  
 International politics  
 Politics in application fields  
 Politics of particular groups

- PUBLIC ADMINISTRATION  
 General & theor. foundations  
 Administration tasks and means  
 Administration pract. incl.control  
 Organisation of Administration  
 Personnel management  
 Police  
 free  
 Administration in application fields  
 Actuosciences & profess.Aspects

- MONEY AND FINANCES  
 Theory of finances  
 Money and banking  
 Public finances economics  
 Taxes  
 Financing  
 Trust finance  
 free  
 Finances in application fields  
 Actuosciences & profess.Aspects

- SOCIAL AID, SOCIAL POLITICS  
 General & theor. foundations  
 Persons in need  
 Social politics  
 Social education  
 Social aid

656 Versicherungswesen  
657 Entwicklungshilfe u. Entw. politik  
658 Rettungswesen  
659 Aktuowiss. u. profess. Asp.

Insurance  
Development aid & dev. politics  
Rescue & salvage operations  
Actuosciences & profess. Aspects

66 RECHT

LAW

661 Rechtswissenschaft  
662 Privatrecht  
663 Öffentliches Recht  
664 Kriminalwissenschaften  
665 Strafrecht  
666 Prozeßrecht  
667 Ausländisches Recht  
668 Internationales Recht  
669 Aktuowiss. u. profess. Asp.

Juridical sciences  
Private law  
Public law  
Criminal sciences  
Criminal law  
Criminal law procedure  
Law & leg. codes of partic. countr.  
International law  
Actuosciences & profess. Aspects

67 RAUMPLANUNG UND URBANISTIK

AREA PLANNING AND URBANISM

671 Allgem. u. theoret. Grundl.  
672 Raumforschung  
673 Raumplanung und Raumordnung i.e.S.  
674 Landesplanung, nationale und inter-  
nationale Ebene  
675 Regionalwissenschaft  
676 Urbanistik  
677 Wohnungswesen  
678 Fachbezogene Raumplanung  
679 Aktuowiss. u. profess. Asp.

General & theor. foundations  
Planning of structural elements  
Area planning and organization  
Area planning, national and in-  
ternational level  
Area planning, regional level  
Urbanism  
Residences, housing and lodging  
Subject related area planning  
Actuosciences & profess. Aspects

68 WEHRWESEN

MILITARY SCIENCE & TECHNOL.

681 Wehrwissenschaften  
682 Wehrmaterial und Streitkräfte  
683 Logistik  
684 Kriegführung  
685 Verteidigung  
686 Zivilschutz  
687 Sanitätsdienst  
688 Wehrrersatzwesen  
689 Aktuowiss. u. profess. Asp.

Military sciences  
Armed forces and military organiz.  
Military technology and Logistics  
Warfare  
Civil defense  
Civil protection  
Military medical service  
Military substitutional service  
Actuosciences & profess. aspects

690 GESCHICHTE

HISTORY

691 Geschichtswissenschaften  
692 Historische Grundwissenschaften  
693 Historiographie  
694 Alte Geschichte  
695 Geschichte des Mittelalters  
696 Neuere Geschichte  
697 Raumbezogene Geschichte  
698 Geschichte in Anwendungsbereichen  
(Wissenschaftsgesch. s. 812)  
699 Aktuowiss. u. profess. Asp.

Theory and philosophy of history  
Auxiliary historical sciences  
Historiography  
Ancient history  
Mediaeval history  
Modern history  
Area related history  
History of certain cases & events  
(Hist. of particular sciences s. 812)  
Actuosciences & profess. Aspects

7	<u>WIRTSCHAFTS- &amp; PRODUKTIONSBER.</u>	<u>ECON. &amp; TECHN.PROD.AREA</u>
71	ALLG.WIRTSCH.WISS.U.VOLKSWIRTS.	GENERAL ECONOM.& NAT.ECON.
711	Allgem.u.theoret.Grundl.	General & theor.foundations
712	Wirtschaftsorganisation	Economic organization
713	Wirtschaftspolitik	Economic policy
714	Handwerks- u.Genossenschaftswesen	Handicraft and cooperatives
715	Industrie und Industriewirtschaft	Industry
716	Handel und Handelswirtschaft	Trade
717	Außenhandel und Weltwirtschaft	Foreign trade & intern.economics
718	Sektorale Wirtschaft	Sectorial economics
719	Aktuowiss.u.profess.Asp.	Actuosciences & profess.Aspects
72	BETRIEBSWIRTSCHAFT	MANAGEMENT OF ENTERPRISES
721	Betriebswirtschaftslehre	Management theory
722	Unternehmensf.u.betriebl.Managem.	Business management
723	Produktion	Production
724	Betriebliches Rechnungswesen	Financial management
725	Betriebliches Personalwesen	Personnel management
726	Betriebliche Materialwirtschaft	Logistics in enterprises
727	Absatzwirtschaft. Marketing	Distribution and retailing
728	Besondere Betriebswirtschaftslehre	Management of special enterprises
729	Aktuowiss.u.profess.Asp.	Actuosciences & profess.Aspects
73	TECHNIK U. INGENIEURWISSENSCH.	TECHNOLOGY (=ENGG.) IN GEN.
731	Allgemeine Ingenieurwissenschaften	Scientific basis of technology
732	Werkzeugtechnik	Workshop practice. Tools
733	Verfahrenstechnik	Technology i.e.S.
734	Fertigungstechnik	Production technology
735	Rheologie und Tribologie	Applied tribology
736	Instandhaltung	Maintenance engg.,services & repairs
737	Verpackungswesen	Packaging
738	Technik in Anwendungsbereichen	Technology in application fields
739	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
74	MASCHINEN-,GERÄTE U. APP.BAU	MECHANICAL ENGG.
741	Allgem.u.theoret.Grundl.	General & theor. foundations
742	Lehre von den Maschinenelementen	Machine components & mechanisms
743	Allgemeine Konstruktionstechnik	General construction technology
744	Apparatebau	Mech. engg.of tanks & containers
745	Maschinenbau	Mech. engg. of engines
746	Gerätebau, Feinwerktechnik	Precision instruments engineering
747	Anlagenbau	Engg.of plants & parks of plants
748	Masch.- u.Gerätebau f.spez.Anw.Ber.	Mech.engg.in spec.applic.areas
749	Aktuowiss.u.profess.Asp.	Actuosciences & profess.Aspects
75	BAUWESEN	BUILDING
751	Allg.u.theor.Grundl.	General & theor.foundations
752	Konstruktiver Ingenieurbau	Structural engineering
753	Bautechnik	Construction technology
754	Baubetrieb und Baubetriebslehre	Construction management
755	Erd- und Grundbau	Earth and ground work



756	Innenarchitektur und Ausbau	Interior design and installation
757	Verkehrswegebau	Highway engineering
758	Spezieller anwendungsbez.Bau	Builds.of partic.types & appl.areas
759	Aktuowiss.u.profess.Asp.	Actuosciences & profess.Aspects
76	WARENKUNDE & -TECHNOLOGIE	COMMODITY SCI.& TECHNOLOGY
761	Allgem.u.theoret.Grundl.	General & theor-foundations
762	Warentypologie	Typology of commodities
763	Warentechnologie i.e.S.	Commodity technology i.e.s.
764	Möbel-, Korb- u.Papierwarenkunde u.Technologie	Furniture, cordage, pulp and paper techn.
765	Textil-, Leder- u.Pelzwarenkunde u.Technologie	Textiles, leather and fur technol.
766	Haushs.- u.Laborwarenk.u.-technol.	Household commodities
767	Warenk.v.Artikeln f.Arb.u.Freizeit	Commodities for work and leisure
768	Sonstige Warenkunden	Other commodity sci.and technol.
769	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
77	FAHRZEUGE U. FAHRZEUGTECHNIK	VEHICLE SCI.& TECHNOLOGY
771	Allg.u.theoret.Grundl.	General & theor-foundations
772	Fahrzeugkunde	Vehicles, components & mechanisms
773	Fahrzeugtechnik	Vehicle technology in general
774	Straßenfahrz.u.Straßenfahrz.technik	Road vehicle technology
775	Schienenfahrz.u.Schienenf.technik	Rail vehicle technol.(=rolling stock)
776	Schiffstechnik	Ship and boat technology
777	Flugzeugtechnik	Aircraft engineering
778	Raketentechnik	Rocket engineering
779	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
78	VERKEHR UND TRANSPORT	TRANSPORT TECHNOLOGY & SERV.
781	Verkehrswissenschaften	Transport sciences
782	Verkehrstypologie	Transport services and systems
783	Verkehrstechnik	Transport technology
784	Straßenverkehr	Road transport technol.& services
785	Schienenverkehr	Railway transport techn.& serv.
786	Schifffahrt	Water transport technol.& services
787	Luftverkehr	Air transport technol.& services
788	Förderwesen	Materials handling (=mech.handl.)
789	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
790	DIENSTLEISTUNGSWIRTSCHAFT	SERVICE ECONOMICS
791	Allgem.u.theoret.Grundl.	General & theor-foundations
792	frei	free
793	Versorgungswirtschaft	Public utility economics
794	Kleingewerbliche Dienstleistung	Small industry services
795	Spezielle Handwerke	Special handicrafts
796	Spezieller Handel	Special trade
797	Fremdenverkehr	Tourism
798	Dienstleistung in sonst.Anw.ber.	Services in other application fields
799	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

81	WISSENSCHAFTSWISSENSCHAFT	SCIENCE OF SCIENCE
811	Wissenschaftstheorie	Philosophy of science
812	Wissenschaftsgeschichte	History of science
813	Empirische Wissenschaftsforschung	Empirical science research
814	Wissenschaftl. Ordnungsl. Klassif.	Organization of knowledge, Classif.
815	frei	free
816	frei	free
817	Wissenschaftspragmatik. Forschung	Research work
818	Wissenschaftswissensch. in Anw. geb.	Science of sciences
819	Aktuowiss. u. profess. Asp.	Actuosciences & profess. aspects
820	INFORMATIONSWISSENSCHAFTEN	INFORMATION SCIENCES
821	Theorie der Information	Theory of information
822	Dokumentenkunde	Documentology
823	Informationstechnologie	Inform. & document. techniques
824	Archivwissenschaft	Archives and archival science
825	Bibliothekswissenschaft	Libraries and library science
826	Dokumentationswissenschaft	Documentation
827	frei	free
828	Museologie	Museums and museology
829	frei	free
83	INFORMATIK	COMPUTER SCI. & TECHNOLOGY
831	Theoretische Informatik	Computer science
832	Technische Informatik	Computer technology
833	Technologie der Datenverarbeitung	Technology of data processing
834	Programmierung und Datenverwaltung	Programming and data handling
835	Nichtnumerik	Non-numeric
836	Graphische Datenverarbeitung	Computer graphics
837	Künstliche Intelligenz	Artificial intelligence
838	Sonstige angew. Datenverarb.	Data processing in applic. fields
839	Aktuowiss. u. profess. Asp.	Actuosciences & profess. aspects
84	INFORMATIONSWESSEN	INFORMATION IN GENERAL
841	Allgem. u. theoret. Grundlagen	General & theor. foundations
842	Bürowirtschaftslehre	Office management and routine
843	Textverarbeitung	Text processing
844	Beratungswesen	Consultation and advice
845	Werbung	Advertisements
846	Messe- und Ausstellungswesen	Fairs and exhibitions
847	Filmkunde	Film (science and technology)
848	frei	free
849	Aktuowiss. u. profess. Asp.	Actuosciences & profess. aspects
85	KOMMUNIKATIONSWISSENSCHAFT	COMMUNICATION SCI. & TECHN.
851	Allgem. u. theoret. Grundl.	General & theor. foundations
852	Konferenzen- und Vortragswesen	Meetings and conferences
853	Empirische Kommunikationsforschung	Empirical communication research
854	Kommunikationsstörungen	Communication inhibitions
855	frei	free

856	Lesetechnik	Reading
857	Technisches Schreiben	Technical writing
858	Kommunikationswes.in Anw.geb.	Communication in applic.fields
859	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
86	PUBLIZISTIK	MASS COMMUNICATION
861	Publizistikwissenschaft	Theory of mass communication
862	Allgemeine Medienkunde	Communication media science
863	Journalistik	Journalism
864	Buchwissenschaften	Book sciences
865	Pressewesen	Press
866	Rundfunk	Broadcasting
867	Fernsehen	Television
868	Spezielle Publizistik	Mass communic.in spec.appl.fields
869	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
87	GRAPH.TECHNIK U. WIRTSCHAFT	PRINTING AND PUBLISHING
871	Allgem.u.theoret.Grundl.	General & theor. foundations
872	Photographie i.w.S. einschl.Mikro- phototechnik	Photography including micro- graphic technology
873	Drucktechnik	Printing
874	frei	free
875	Reprographie	Reprography
876	Phonographie	Sound recording
877	Audio-videotechnik	Audio-visual recording/repr.techn.
878	Verlagswesen und Buchhandel	Book trade
879	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
88	NACHR.TECHN. U.FERNMELDEWES.	COMMUNICATION ENGINEERING
881	Allgem.u.theoret.Grundl.	General & theor.foundations
882	Signalwesen	Signals and signalling
883	Nachrichtenvermittl.u.-übertragung	Data transmission
884	Funk- und Fernsehtechnik	Radio and television technology
885	Fernmeldetechnik u.Datenübertragung	Telephony and telegraphy
886	Sonstige Anwendungsgebiete d.Sig- naltechnik	Other application fields of signal technology
887	frei	free
888	Post- und Fernmeldewesen	Postal communication
889	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
89	SEMIOTIK	SEMIOTICS
891	Allgem.u.theoret.Grundl.	General & theor.foundations
892	Ikonik, Indexikalik und Symbolik	Iconics, indexicalics and symbolism
893	Semioteknik	Semioteknik
894	frei	free
895	Schriftwesen	Writing and scripts
896	Nummerungstechnik	Numbering technique
897	Non-verbale Kommunikation	Non-verbal communication
898	Semiotik in Anwendungsgebieten	Semiotics in application fields
899	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects

91	SPRACHE	LANGUAGE
911	Sprachwissenschaft	Linguistics
912	Grammatik. Sprachlehre	Grammar
913	Sprechwissenschaft Rhetorik	Rhetorics
914	Lexikologie und Lexikographie	Lexicology
915	Terminologie	Terminology
916	Übersetzungswesen	Translation and interpreting
917	Interlinguistik	Interlinguistics
918	Fremdsprachenlinguistik	Linguistics of foreign languages
919	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
92	LITERATUR UND PHILOLOGIE	LITERATURE AND PHILOLOGY
921	Literaturwissenschaft	Literature science
922	Allg.u.altsprachl.Indogermanistik	Gen.& old Indogermanic languages
923	Anglistik	English languages
924	Germanistik	German languages
925	Romanistik	Romance languages
926	Slawistik und Baltistik	Slavonic and Baltic languages
927	Philolog.d.vord.Orients u.Afrikas	Oriental and African languages
928	Iran.,ind. u.ostasiat.Philolog.	Iranian,Indian & East-Asiatic lang.
929	Sonstige Philologien	Other languages
93	MUSIK	MUSIC
931	Systemat.u.vergleich.Musikwiss.	Musicology; syst.& compar.musicol.
932	Musiktheorie	Theory of music
933	Musikalische Methodik	Musical techniques
934	Musikalische Gattungen	Musical forms
935	Instrumentalmusik	Instrumental music
936	Vokal- und Ensemblemusik	Vocal music
937	frei	free
938	Musikpflege	Musical practice
939	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
94	BILDENDE KUNST	FINE ARTS
941	Kunstwissenschaft	Art sciences
942	Kunstgeschichte	Art history
943	Künstlerische Gestaltung	Technology of art production
944	Malerei und Graphik	Painting and graphics
945	Baukunst	Architecture
946	Plastik	Plastic arts
947	Objektkunst	Object arts
948	Angewandte Kunst	Decorative arts and handicrafts
949	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
95	DARST.KUNST.THEATER	PERFORMING ARTS. THEATRE
951	Theaterwissenschaft	Science of performing arts
952	Szenographie und Bühne	Theatre, stage & areas equipment
953	Meth.u.Technik d.Schauspielens	Stage craft
954	Theaterformen (Sprech- u.Musikth.)	Theatre, forms of
955	Theaterarten (zB.Puppen, Schattensp.)	Theatre, kinds of

956	Tanz, Tanztheater, Eurhythmie	Dance, theatre, eurhythmmy
957	Artistik	Spectacle theatre
958	Theater spez.Kulturen u.Nationen	Theatre of spec.cultures & nations
959	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
96	KULTURWISSENSCHAFTEN i.e.S.	CULTURE SCIENCES i.n.s.
961	Allgem.u.theoret.Grundl.	General & theor. foundations
962	Allgemeine Ethnologie	Cultural anthropology
963	Empirische Kulturwissenschaft	Ethnography and ethnology
964	Europäische Ethnologie	European area studies
965	Orientalistik i.e.S.	Middle East area studies
966	Asienkunde und Austroasiatistik	Asian and Australian area studies
967	Afrikanistik	African area studies
968	Amerikanistik und Austronesistik	American area studies
969	Archäologie	Archeology and prehistory
97	PHILOSOPHIE	PHILOSOPHY
971	Allgem.u.histor.Grundlagen	General & theor. foundations
972	Ontologie	Ontology
973	Erkenntnistheorie	Epistemology
974	Ästhetik	Aesthetics
975	Praktische Philosophie. Ethik	Practical philosophy. Ethics
976	Metaphysik und metaphysische Standpunkte	Metaphysics and metaphysical positions
977	Philosophie einzelner Länder	Philosophy of certain countries
978	Spezielle Philosophie	Philosophy in application fields
979	Aktuowiss.u.profess.Asp.	Actuosciences & profess.aspects
98	RELIGION (ALLG. U.NICHT-CHRISTL.) U. GEHEIMLEHREN	RELIGION (IN GEN. AND NON-CHRISTIAN) & SECRET TEACH.
981	Allgemeine Religionswissenschaft	General & comparative religion
982	Religionssystematik	Religions & religious beliefs, kinds of
983	Religionsphänomenologie	Religious practice
984	Judaistik	Judaism
985	Indische u.ostasiat.Religionen	Religions of Ind.& East-Asian origin
986	Islam	Islam
987	Naturreligionen	Natural religions
988	Sonst.nichtchristl.Religionen	Other religions and semirelig.cults
989	Gnosis und Geheimlehren	Gnostics and secret teachings
99	CHRISTL.RELIGION U. THEOLOGIE	CHRISTIAN RELIGION & THEOL.
991	Allg.u.philosoph.Grundl.	General & philosoph.foundations
992	Bibelwissensch. Christl.Offenb.	Bible and Christian revelations
993	Praktische Theologie	Practical theology
994	Systematische Theologie	Systematic theology
995	Sozialtheologie	Social theology
996	Kirche und Kirchenkunde	Christian church
997	Missionstheologie	Missiology
998	Ökumenische Theologie	Oecumenic theology
999	Kirchengeschichte	Church history

## Annex 3: Correlation ICC – UDC

WARNING! This is not so much a correlation table but rather the attempt to provide a systematic listing of the subjects contained in the bibliography with indication of their UDC numbers, whenever these occurred. The non-indented subject headings/keywords are identical with ICC classes, the indented ones are subsumptions of such classes, mostly without the three-digit class number and heading which may, however, be found in Annex 2.

ICC		UDC			UDC
12	MATHEMATICS	51	27	CHEMICAL TECHNOL. AND ENGINEERING	66
122	algebraic groups; division algebra		273	Chemical process technology	
13	STATISTICS	31	274	liquefaction technique	621.5
132	mathematical probability		275	chemicals (inorganic materials);	
133	sampling		278	technical gases	661.1/.6/.8/.9
15	ORGANIZATION SCIENCE AND TECHNOL.			organic materials	661.7
154	Operations research			colour industries; paints	667
155	Planning			tensides; surface active agents	
157	Rationalization			cosmetics-perfumery; cosmetics technol.	
16	METROLOGY	389	28	ENERGY SCIENCE AND TECHNOLOGY	
17	CYBERNETICS		282	solar energy	
173	control; control systems		283	steam power	621.1
175	automatic control engineering;			water power, hydraulic energy;	
	automation facilities	681.5		hydroenergetics	621.1
19	TESTING AND CHECKING		284	pneumatic energy	621.5
192	quality control; nondestructive testing			atomic energy	621.039
198	materials testing	620		nuclear technol.; nuclear fission	621/621.0
21/4	PHYSICS	53		reactor; reactor names; thermo-	
21	MECHANICS	531/534		nuclear plants;	
213	aerodynamics		285	accelerator engg.	
217	ballistics		286	explosives	662.1/.5
22	PHYSICS OF MATTER		287	fuels	662.6/.9
221	quantum field theory		288	energy conservation	
222	high energy physics			general economics of energy	620.9
223	radiation physics		29	ELECTRICAL ENGINEERING	621.3
227	nuclear science		293	Electrical power engineering	621.31
228	solid state physics; crystallography	548		electric energy transportation;	
229	thin films			electrical energetics	
23	GENERAL AND TECHNICAL PHYSICS		294	integrated circuits, production engg.	
232	wire explosions; high temperature		297	power switching technology	
235	physics; vacuum physics		298	electric motor	
236	thermal physics			illumination engineering; lighting	628
237	optics, applied, technical; colors			air-conditioning; refrigeration technol.	
24	ELECTRONICS		31	ASTRONOMY. ASTROPHYSICS	52
242	laser		313	radioastronomy	
243	semiconductor diode; transistors		33	BASIC GEOSCIENCES	55
244	voltaic cell		332	sediments; structural geology	
246	electronic tube		334	Geodesy and surveying	528
25	PHYSICAL CHEMISTRY		335	Geophysics; exploration geophysics	550.3
255	radiochemistry; isotopes; radiation			geothermal physics and technology	
	chemistry		338	Palaeontology; palaeobotany, palinology	56
26	PURE CHEMISTRY	54	339	Historical geology	
263	Analytic chemistry		34	METEOROLOGY. ATMOSPHERIC SCIENCES	551.5
264	uranium		344	air pollution	
265	alkaloid chemistry; organic reactions;		346	bioclimatology	
	organic compounds		35	HYDROSPHERIC AND OCEANOLOGICAL	
267	polymers		354	SCIENCES	551.49
			355	hydrology	556
			356	Oceanography. Maritime sciences	
			357	coastal environments;	
			358	Marine technology	
				Hydraulic engineering	626/627
				hydraulic, water construction works;	
				waterways	
				Water economy	
			36	GEOLOGICAL SCIENCES	
			363	soil mechanics	
			365	Mineralogy	551/553
			366	Soil science;	631/632
				peat	
			37	MINING	622
			373	metal extraction	
			376	petroleum technology; petroleum	
				mineral oil processing	665.6/.7



38	MATERIALS SCIENCE AND METALLURGY		467	Agriculture in particular environments; West African agriculture; tropical agriculture; semiarid tropics;	
382	Materials testing corrosion	620.1		Horticulture	635
383	Metallurgy physical metallurgy	669	468	FORESTRY AND WOOD SCIENCE AND TECHNOL.	634.0 674
384	Metal technol.; iron, steel, ferrous me- tallurgy; copper; diffusion;	669.1	47	woodwork and timber industry	
385	Non-metallic mineral technology and sci.; non-ferrous metals	669.2/.8	478	wood working industry; wood market	
386/7	Organic materials, sci. and technol., and Plastics science and technology	678	48	FOOD SCIENCES AND TECHNOLOGY	
	Petrochemistry		483	Preparation and conservation of foodstuffs	664
	rubbers	678		food (solid), manufacture and preser- vation	664
	oils, fats, waxes	665		fruits; grain processing; bread baking	
	adhesives, gums, resins		484	meat; dairy science; fatty substances;	
	man-made fibre production technology		485	Beverages; stimulants	663
	synthetic materials; elastomers;		488	food economy	
	high-polymer materials		489		
39	GEOGRAPHY	91	49	ECOLOGICAL AND ENVIRONMENTAL SCIENCES	
392	polar research; life zones; mountains; geomorphology; arid lands		493	plant protection	631/632
394	vegetation			landscape; nature, preservation of; protection of nature; landscape mainte- nance; water protection;	
395	rural geography; urban geography;		497	Sanitary engineering; sanitation	628
396	population geography			HUMAN BIOLOGY	
396	industrial geography; commercial geography		51	Anatomy; syndesmology; myology; dermal	612
397	Regional geography		512	system; human skeletal system; organs of human body; angiology; human digestive system;	
397	place names; German geography; Asian countries; Andes subregion			Physiology	613
41	BASIC BIOLOGICAL SCIENCES		513	nervous system, human	
4112	cytology		514	ophthalmology; visual sciences;	
412	Genetics		515	reproduction biology; family planning;	
4122	cytogenetics		516	fertility control	
415/6	molecular biology			nutrition; human food	
416	steroids, biology of		518	gerontology	
			519		
42	MICROBIOLOGY AND CULTIVATION			HEALTH AND THEORETICAL MEDICINE	
422	Special microbiology		52	Pharmacy; pharmaceuticals	615
4222	Virology		522	pharmacognosy; drugs; narcotics sera and vaccines; phytopharmacie; phytopharmaceutical products	
4223	Bacteriology; bacteria; algae			phytopharmacology	
4227	Mycology; fungi		523	Toxicology; nuclear radiation, effect	615
424	biodeterioration		5238	health impairments; death, causes of; injuries	
425	Technical microbiology	663	524	Hygiene. Public Health	613/614
43	PLANT BIOLOGY AND CULTIVATION		525	hygiene generally; health and hygiene, personal; public hygiene	
432	lichens; vegetable kingdom			Immunology	
4338	plant nutrition		526	medical electronics; biomedical engg.;	
434	Phytopathology	632	527		
	plant injuries	631/632		PATHOLOGY AND SPECIAL MEDICINE	
	plant diseases and pests	631/632	53	pathology	616
436	Plant cultivation	633	531	experimental pathology	
	crops, individual; forage legumes	633/635		orthopaedics	617
	wheat; rice; cotton cultivar; rubber cultivar; coffee cultivar; tobacco cultivar		532	cardiology; diseases of the heart;	
	phycology; tropical grain		533	circulatory system; diseases of the blood; phthisiology; tuberculosis of re- spiratory organs; urinary organs, dis- eases; male sexual organs, diseases;	
437				rheumatology;	
44	ANIMAL BIOLOGY AND BREEDING			ophthalmology	617
442	insects, arthropods, entomology		535	Dentistry; stomatology:	
443	fishes; mammals; (vertebrate) anatomy, animal repro- duction	636/639	536	mental disorders; psychiatric diseases;	
444	Wildlife, hunting	636/639	537	mental health	
445	Animal breeding; stockbreeding; livestock	639.2	5383	Infectuous pathology	
446	fisheries		5384	oncology; intestinal tumours; malignant tumours	
447	sport fish; fishery economics			pediatrics	
	apiculture		539	Gynaecology, obstetrics	
			5395		
45	VETERINARY SCIENCE			CLINICAL MEDICINE AND NATURE CURE	
452	vertebrate pest biology		54	accident propensity	
452	domestic animals, histology of tumors		541	clinical diagnosis; clinical terminology;	
46	AGRICULTURE	63	542	medical laboratory technology	
462	Agricultural economics; rural economics agricultural finances; rural sociology rural development; agricultural manage- ment		543	diagnostic radiology; medical radiology;	
463	Agricultural engg. and equipment	631.3	544	therapeutic radiology	
	agricultural constructions; agricultural process technol.; agricultural machinery; farming mechanization		545	Surgery	617
464	fertilizer technology; rainfall agriculture		5453	Anaesthesiology	
466	Animal produce, animal production dairy technology	636/639	546	nursing	
			547	biological healing	
			549	Rehabilitation of health	

ICC		UDC	ICC		UDC
56	EDUCATION		664	Criminal sciences; criminology; criminal justice; law enforcement	
561:568	educational psychology		665	Criminal law; penal law	343
562	educational formation		667	Law and legal codes of particular countries;	
564	university planning; secondary education; university construction		668	International law	
565	teaching technique; programmed instruction; teaching, instructional materials; school media		67	AREA PLANNING AND URBANISM	
566	exceptional children;		672	land and landed property	333
567	continuing professional formation; postsecondary education.			land resource terms; land use; real estate; resource management	
57	PROFESSION, LABOR, LEISURE	331	673	county planning; regional planning	
572	vocations, careers; administrative occupations; production occupations		676	Urbanism; city building; urban action; city planning; neighbourhoods; urban affairs; communities; urban development; town planning	
574	human factors;		677	Residences, housing and lodging; habitation;	
574:558	occupational psychology		68	MILITARY SCIENCE AND TECHNOLOGY	
575	work hygiene and safety; work protection; hygiene of work.		682	armed forces;	355/359
576	Labor economics; labour; human resource, economics of;	331		naval forces, engineering; naval science; naval ordnance; air force, engg; air force; weaponry; aeronautic antennas	
577	labor relations; placement office;		683	Military and naval engineering	623
578	labour awards.			vehicle mobility	
	recreation; outdoor recreation;	79	684	low intensity conflict	
58	SPORTS AND GAMES	79	685	defence, national	355/359
581:528	sport medicine		69	HISTORY	93/99
584	skiing		692	epigraphs	
585	diving		698	history, MPG	
587	games		71	GENERAL ECONOMICS AND NATIONAL ECONOMY	
59	HOUSEHOLD AND HOME LIFE		712	Socialism	335
592	Home economics	64	713	production of wealth	338
598	toys;	688/689		economic situation; distribution of wealth; conservation of wealth; consumption of wealth; economy, trend of co-operation	333
599	entertainment; amusements; pastimes;	79	714	industrial relations	339
61	SOCIOLOGY		715	Commerce, trade	
612	youth;		716	internal trade; internal commerce	339
613	public opinion		717	World economics	339
615	demography; population planning;			international trade; export trade; overseas trade	
618			718	Industrial branches; economic branches	
62	STATE AND POLITICS		72	MANAGEMENT OF ENTERPRISES	
621	Political science	32	727	marketing; marketing research; consumers	
622	legislation		73	TECHNOLOGY AND ENGINEERING IN GEN.	
625	foreign policy		731	inventions and discoveries	60
627	international affairs; Australian public affairs; international relations.		732	Workshop practice, tools;	621.7/.9
63	PUBLIC ADMINISTRATION			tool-making; bearing; gear; spring; screw; nut; lathe production; standardized parts; workpieces; machine-tool; tool manufacture	
634	municipalities, administration		733	Technology of procedures	
635	police science			refractory production; rectifiers, production engg.of; working procedures	
64	MONEY AND FINANCES		734	Production technology; production procedures; plastic or chipless working; materials, forming and treatment; cutting; grinding; sheet working smithery; farriery; hand-forged ironwork	621.7 621.7 621.9 682
641	financial planning.			iron-mongery; locksmithing; gun-smithing	683
642	monetary system; banking.	336	735	lubrication	621.8
643	accounting; auditing		737	Packaging; bottling	683
644	customs policy;	337		container manufacture;	
645	taxation; taxation, state;		739	industry training.	
	investment;		74	MECHANICAL ENGINEERING	
	mortgage credit; consumer credit;		741	Mechanical engineering in gen.	621/621.0
65	SOCIAL AID, SOCIAL POLITICS		742	mechanical power transmission;	621.8
651	social affairs			machine elements; gearing; fixings; fasteners; transmission technology; compressors; pumps; roller bearings	
652	impairments; disabilities; handicaps; child abuse; child neglect; drug abuse		743	Machine construction	
	aging;		744	heat engines in gen.	621.1
653	Social politics	36		steam engines; boilers; heat engines	621.4
656	insurance	368			
657	development aid and development politics; development studies; industrial development; economic development; social development				
658	rescue and salvage operations; fire				
66	LAW	34			
661	comparative law				
662	Private law	347			
662	contracts; business law; copyright; trademarks; patent law; domestic relations; estate law; wills (law); negligence (law); real property (law); personal property (law)				
663	Public law; municipal law	342			



ICC		UDC	ICC		UDC
	pneumatic machinery and tools;	621.5	79	SERVICE ECONOMICS	
	fluids handling;	621.6	793	solid wastes	
	high-vacuum pump; furnace production		797	tourism	
745	engg.; steam generator; air compressor		81	SCIENCE OF SCIENCE	
	internal combustion engines	621.4/.5	811	data models	
	electric generator; electrical machines,		813	science policy	
	rotating; Diesel engines; gear-cutting		814	documentary classification	025.4
746	machines.		817	university research; research projects	
	Precision engineering; precision mechanics	68/681.4			
	instrumentation; light industry; instru-		82	INFORMATION SCIENCES 002; 02; 069.01; 930.25	
	ment making; horology; watches and		822	documentology - forms of documents	01/08
747	clocks		82214	biography	
	gas turbine engine; particle accelerator;		82294	personal bibliography; Ghandi - - ;	
	thermal power stations, plants and			picture collections; slides; non-book	
	equipment; rolling mill			media; photographs; pictures; photogra-	
748	chemical machinery; petroleum machi-			phic documents	
	nery; textile machinery; printing mach.			cataloguing	
75	BUILDING	69	823		
752	substructures	624	824	Archivistics	930.25
	building materials; concrete	69	825	Libraries and library science	02
753	civil and structural engineering;	624	8251:568	Education in library science	
	erection work organization;		826	Documentation	002
	building machinery		828	Museums and museology	069.01
755	geotechnics; earth work	624		maritime objects; museum cataloging	
	foundations				
756	heating		83	COMPUTER SCIENCE AND TECHNOLOGY	
757	Highway engineering	625.7	832	computer production engg.	
	tunnelling; road construction	624		minicomputers, production engg.;	
	bridges and other superstructures;	624		computer names	
	land transport, civil engg.of:	625	833	Computer technology	681.3
758	health buildings; school construction;			data processing	681.4
	social buildings; home-building; indu-		834	computer programming language	
	ustrial construction		838	machine computing	
				automatic systems in public admini-	
				stration	
76	COMMODITY SCIENCE AND TECHNOLOGY				
761	product description		84	INFORMATION IN GENERAL	
762	retail articles		842	data processors	
764	Furniture, cordage, pulp and paper			business machine technology	
	science and technol.			public relations; advertising;	
7642	furniture industries	684	845	Film, science and technology	
7645	Paper and pulp; paper and board	676	847	films; motion pictures;	
	cellulosis;			motion-picture technology	
765	Textile, leather and fur technol.				
7652/3	Textile industry				
7655	Clothing industry	687	85	COMMUNICATION SCIENCE AND TECHNIQUES	
7656/7	Leather industry; saddlery and	675; 685	854	communicative disorders;	
	harness; footwear				
766/8	iron and steel goods	671/673	86	MASS COMMUNICATION	
	lamps; incandescent lamp	683	864	book science	
767	travel, sports, games	685	865	press-cuttings	
	equipment; fountain pen production		866	radio;	
768	artistic wares	688	867	television	
			868	communications	
77	VEHICLE SCIENCE AND TECHNOLOGY	629			
	transport vehicle engineering		87	GRAPHIC INDUSTRIES	655
771	automotive electrical equipment		872	Photography	77
774	Land and road vehicle engineering	629.11		cinematography	
	motor vehicle production; automotive		873	Printing	655
	engg.			graphic reproduction	681.6
775	Rail vehicle technology; Railway engg.	625.1/.5		bookbinding	686
	locomotive production			stitching and binding	686
776	Ship and boat technology; Shipbuilding	629.12	876	phonorecords	
	vessel electrotechnics		878	booktrade;	655
777	Aircraft engineering; Aeronautics	629.7			
	air vehicle wing production;				
	helicopter;		88	COMMUNICATION ENGINEERING	
778	Rocket engineering;		881	electromagnetic waves; modulation pro-	
	missile; chemical rocket engine prod.			cedures; electromagnetic compatibility;	
78	TRANSPORT TECHNOL.AND SERVICES	656		running-time tubes; radiolocation;	
782	regional transportation; combined transp.		884	microwaves techniques; antenna	
783	traffic organization and control	656/656.7		radio receiver; loudspeakers; amplifiers;	
	navigation			wire and wireless communication;	
784	Road transport technology and services;		885	electronics for the home	
	automotive transportation; highway safety;		888	radar	
	motor vehicle safety; road research:			Mail. Post	656.8
785	Railway transportation; railway traffic;			Postal services and administration	656.8/.9
786	Water transportation; harbor problems; in-		889	postal affairs; telecommunication affairs	
	land shipping; ports; maritime trans-			philatelic	
	portation; seaports; merchant shipping				
787	Aviation		91	LANGUAGE, LINGUISTICS	
788	Materials handling	621.8	911	Linguistics	80

<u>ICC</u>		<u>UDC</u>	<u>ICC</u>	<u>UDC</u>
92	LITERATURE AND PHILOLOGY		96	CULTURE SCIENCES i.n.s.
921	drama		962/3	Ethnology, ethnography
923	English languages; English and American literature; slang (English language)		962	cultural development
924	German languages; etymophthongology of German words; Yiddish language;		963	folkloristics
9242	German literature		964	London literature; Berlin literature;
9243	Dutch literature		965	non-Western literature
9244	Scandinavian literature		966	Nepaliana; Asia and Oceania; Oceania;
925	Romance languages		967	Telugu; Indonesian names; Hindi names;
9252	French literature		968	African documents
9253	Spanish literature		969	Carribean literature; Mauritius
9254	Portuguese literature			Quebec, Central; Chicano materials;
9255	Italian literature			Archeology and prehistory
926	Slavonic and Baltic languages			Egyptian antiquities
927	Oriental and African languages		97	PHILOSOPHY
9272	Hebrew language		973	Epistemology
	Africa, literature		974	Aesthetics in general
928	Iranian, Indian and East-Asiatic languages		975	morals, ethics, conventions
	Hindi literature; Tamil literature;			bioethics
	Asia, literature; Oceania, literature		976	Metaphysics
				Communism; Marxism-Leninism;
93	MUSIC		98	RELIGION IN GENERAL AND SECRET TEACHINGS
931	baroque music; non-Western music;		984	synagogues
9352	Musical instruments	681.8/.9	985	Buddhism and similar Hindu religions
939	music literature and notes; acoustical musical records.		986	Islam, Mohammedanism
			989	Occultism
				occult things
94	FINE ARTS		99	CHRISTIAN RELIGION AND THEOLOGY
944	painting; painting restoration		992	The Bible
945	Architecture	72	993	Practical theology; pastoral theology
	architecture of buildings			religious education;
946	Sculpture	73	998	Christian churches and sects
9463	sculpting machines	681.8/.9		religious denominations;
	engraving machines			catholicism
948	popular crafts		999	History of the Christian church
95	PERFORMING ARTS, THEATRE			
956	ballet			

## Annex 4: Correlation UDC – ICC

UDC		ICC
<u>1</u>	PHILOSOPHY	<u>97</u>
11	Metaphysics. Fundamental problems	972
122/129	Special metaphysics	972
13	Philosophy of mind and spirit. Metaphysics of mental life	9725
14	Philosophical systems and points of view. Weltanschauung	976/8
159.9	Psychology	55
16	Logic; Theory of knowledge. Methodology of logic	11; 973
17	Moral philosophy. Ethics	975
2	RELIGION. THEOLOGY	98/99
21	Natural theology	981
22	Holy Scripture. Holy Bible	992
23	Dogmatic theology	994
24	Practical theology	993
25	Pastoral theology	993
26	The Christian Church in general	996
27	General History of the Christian Church	999
28	Christian sects and denominations	998
29	Non-Christian Religions	984/8
3	SOCIAL SCIENCES	6
30	Sociology. Sociography	61
31	Statistics	13
32	Politics	62
33	Political Economy. Economics. Trade. Commerce	71/72
34	Law. Jurisprudence	66
35	Public Administration. Military Art and Science	63 68
36	Social Welfare and Relief.	65
368	Insurance	656
37	Education. Teaching. Training	56
379.8	Leisure	578
389	Metrology. Weights and Measures	16
4	(vacant; linguistics transferred to 80)	
5	MATHEMATICS AND NATURAL SCIENCES	12+21/49
50	Generalities. Nature and conservation	49
51	Mathematics	12
52	Astronomy. Astrophysics. Space Research	31; 32
528	Geodesy	334
53	Physics	21/24
54	Chemistry	25/26
548	Crystallography	228
549	Mineralogy	365
55	Geology	33
550.3	Geophysics	335
551.49	Hydrology	35
551.5	Meteorology	34
56	Palaeontology	338
57	Biological Sciences	41/44; 51
58	Botany	43
59	Zoology	44

6	APPLIED SCIENCES. MEDICINE. TECHNOLOGY	
60	General questions of the applied sciences. Inventions	731
61	Medical sciences	51/54
611	Anatomy	512
612	Physiology	513
613	Hygiene, health	52
614	Public Health	525
615	Pharmacy. Pharmacology. Toxicology	522/3
616.1/.9	Special pathology	532/9
62	Engineering. Technology in General	73/74
621.039	Nuclear technology	284
621.3	Electrical engineering	29
623	Military technology	683
624	Civil and structural engineering	75
625	Road construction. Railway construction	757; 775
626/7	Hydraulic engineering	357
628	Sanitary engineering	497
629.1	Vehicle engineering	77
63	Agriculture	46
634.0	Forestry	47
635	Horticulture	468
64	Home economics	59
65	Management and organization of industry, trade	72
654	Communication	88
66	Chemical and related industries. Chem.technology	27
67	Various industries, trades and crafts	76; 384/8
68	Assembled articles. Precision mechanics	746
69	Building trade, - materials, -practice and procedure	75
7	THE ARTS. RECREATION. ENTERTAINMENT. SPORT	
71	Physical planning. Town and country planning	67
72	Architecture	945
73	Sculpture	946
74	Drawing. Design. Applied arts and crafts	944; 948
75	Painting	944
76	Graphic arts. Graphics	944
77	Photography and similar processes	872
78	Music	93
79	Recreation. Games. Sport	58
8	LANGUAGES. LINGUISTICS: LITERATURE	
80	Linguistics. Philology. Languages	91
82	Literature generally	921
820/899	Literature in individual languages	923/9
9	GEOGRAPHY. BIOGRAPHY. HISTORY	
902/908	Related Sciences. Archaeology. Prehistory etc.	969
91	Geography. Exploration. Travel	39
913/919	Description of individual countries	397
929	Biography. Genealogy	82214; 692
93/99	History	69
930	Science of history. Diplomatic. Epigraphy..	691/2
930.25	Archivistics	824
931/939	Ancient history	694
94/99	Mediaeval and modern history	695
.	History of individual countries	697



# Annex 5: Country Codes

(The codes follow the two-digit country-code as given in ISO-3166)

Afghanistan	AF	Ethiopia	ET	Malaysia	MY
Albania	AL	Finland	FI	Mali	ML
Algeria	DZ	France	FR	Malta	MT
American Samoa	AS	Gabon	GA	Martinique	MQ
Andorra	AD	Gambia	GM	Mauritania	MR
Angola	AO	German Democratic Republic	DD	Mauritius	MU
Antigua	AG	Germany, Federal Republic of	DE	Mexico	MX
Argentina	AR	Ghana	GH	Monaco	MC
Australia	AU	Gibraltar	GI	Mongolia	MN
Austria	AT	Greece	GR	Montserrat	MS
Bahamas	BS	Greenland	GL	Morocco	MA
Bahrein	BH	Grenada	GD	Mozambique	MZ
Bangladesh	BD	Guadeloupe	GP	Namibia	NA
Barbados	BB	Guam	GU	Nauru	NR
Belgium	BE	Guatemala	GT	Nepal	NP
Belize	BZ	Guinea Guyana	GY	Netherlands	NL
Benin	DY	Haiti	HT	New Caledonia	NC
Bermuda	BM	Honduras	HN	New Zealand	NZ
Bolivia	BO	Hong Kong	HK	Nicaragua	NI
Botswana	BW	Hungary	HU	Niger	NE
Brazil	BR	Iceland	IS	Nigeria	NG
Brunei	BN	India	IN	Norway	NO
Bulgaria	BG	Indonesia	ID	Oman	OM
Burundi	BI	Iran	IR	Pakistan	PK
Byelorussian SSR	BY	Iraq	IQ	Panama	PA
Cameroon	CM	Ireland	IE	Papua New Guinea	PG
Canada	CA	Israel	IL	Paraguay	PY
Central African Republic	CF	Italy	IT	Peru	PE
Chad	TD	Ivory Coast	CI	Philippines	PH
Chile	CL	Jamaica	JM	Poland	PL
China	CN	Jordan	JO	Portugal	PT
Colombia	CO	Kenya	KE	Portuguese Timor	TP
Congo	CG	Khmer Republic	KH	Puerto Rico	PR
Costa Rica	CR	Korea, Democratic People's Republic of	KP	Qatar	QA
Cuba	CU	Korea, Republic of	KR	Rhodesia	RE
Cyprus	CY	Kuwait	KW	Romania	RO
Czechoslovakia	CS	Laos	LA	Rwanda	RW
Dahomey	DY	Lebanon	LB	San Marino	SM
Denmark	DK	Lesotho	LS	Sao Tome & Principe	ST
Dominica	DM	Liberia	LR	Saudi Arabia	SA
Dominican Republic	DO	Libya	LY	Senegal	SN
Ecuador	EC	Liechtenstein	LI	Seychelles	SC
Egypt	EG	Luxembourg	LU	Sierra Leone	SL
El Salvador	SV	Macao	MO	Sikkim	SK
		Madagaskar	MG	Singapore	SG
		Malawi	MW	Somalia	SO
				South Africa	ZA
				Soviet Union	SU
				Spain	ES

Spanish Sahara	EH	AG	Antigua	DZ	Algeria
Sri Lanka	LK	AL	Albania	EC	Ecuador
St. Helena	SH	AO	Angola	EG	Egypt
St. Lucia	LC	AR	Argentina	EH	Spanish Sa- hara
St. Pierre & Miquelon	PM	AS	American Samoa	ES	Spain
St. Vincent	VC	AT	Austria	ET	Ethiopia
Sudan	SD	AU	Australia	FI	Finland
Surinam	SR	BB	Barbados	FR	France
Swaziland	SZ	BD	Bangladesh	GA	Gabon
Sweden	SE	BE	Belgium	GB	United King- dom
Switzerland	CH	BG	Bulgaria	GD	Grenada
Syria	SY	BH	Bahrein	GH	Ghana
Taiwan, Province	TW	BI	Burundi	GI	Gibraltar
Tanzania	TZ	BM	Bermuda	GL	Greenland
Thailand	TH	BN	Brunei	GM	Gambia
Togo	TG	BO	Bolivia	GN	Guinea
Tonga	TO	BR	Brazil	GP	Guadeloupe
Trinidad & Tobago	TT	BS	Bahamas	GR	Greece
Tunisia	TN	BT	Bhutan	GT	Guatemala
Turkey	TR	BW	Botswana	GU	Guam
Uganda	UG	BY	Byelorussian SSR	GY	Guyana
Ukrainian SSR	UA	BZ	Belize	HK	Hong Kong
Union of Soviet So- cialist Rep.	SU	CA	Canada	HN	Honduras
United Arab Emi- rates	AE	CF	Central Afri- can Republic	HT	Haiti
United Kingdom	GB	CG	Congo	HU	Hungary
United States of America	US	CH	Switzerland	HV	Upper Volta
Upper Volta	HV	CI	Ivory Coast	ID	Indonesia
Uruguay	UY	CL	Chile	IE	Ireland
Vatican City State	VA	CM	Cameroon	IL	Israel
Venezuela	VE	CN	China	IN	India
Viet-Nam	VN	CO	Colombia	IQ	Iraq
Western Samoa	WS	CR	Costa Rica	IR	Iran
Yeman (Democratic Rep.)	YD	CS	Czechoslova- kia	IS	Iceland
Yemen (Arab Republic)	YE	CU	Cuba	IT	Italy
Yugoslavia	YU	CY	Cyprus	JM	Jamaica
Zaire	ZR	DD	German Demo- cratic Repu- blic	JO	Jordan
Zambia	ZM	DE	Germany, Fe- deral Republic	KE	Kenya
		DK	Denmark	KH	Khmer Repu- blic
		DM	Dominica	KP	Korea, Demo- cratic People's Republic of
AD Andorra		DO	Dominican Re- public	KR	Korea, Repu- blic
AE United Arab Emirates		DY	Benin	KW	Kuwait
AF Afghanistan		DY	Dahomey	LA	Laos
				LB	Lebanon
				LC	St. Lucia

# State Codes

LK	Sri Lanka	SD	Sudan	AK	Alaska
LR	Liberia	SE	Sweden	AL	Alabama
LS	Lesotho	SG	Singapore	AR	Arkansas
LU	Luxembourg	SH	St. Helena	AZ	Arizona
LY	Libya	SK	Sikkim	CA	California
LY	Liechtenstein	SL	Sierra Leone	CO	Colorado
MA	Morocco	SM	San Marino	CT	Connecticut
MC	Monaco	SN	Senegal	DC	D. of Columbia
MG	Madagascar	SO	Somalia	DE	Delaware
ML	Mali	SR	Surinam	FL	Florida
MN	Mongolia	ST	Sao Tome & Principe	GA	Georgia
MO	Macao			HI	Hawaii
MQ	Martinique	SU	Soviet Union	IA	Iowa
MR	Mauritania	SV	El Salvador	ID	Idaho
MS	Montserrat	SY	Syria	IL	Illinois
MT	Malta	SZ	Swaziland	IN	Indiana
MU	Mauritius	TD	Chad	KS	Kansas
MW	Malawi	TG	Togo	KY	Kentucky
MX	Mexico	TH	Thailand	LA	Louisiana
MY	Malaysia	TN	Tunisia	MA	Massachusetts
MZ	Mozambique	TO	Tonga	MD	Maryland
NA	Namibia	TP	Portuguese Timor	ME	Maine
NC	New Caledonia	TR	Turkey	MI	Michigan
NE	Niger	TT	Trinidad & Tobago	MN	Minnesota
NG	Nigeria			MO	Missouri
NI	Nicaragua	TW	Taiwan, Province of	MS	Mississippi
NL	Netherlands			MT	Montana
NO	Norway	TZ	Tanzania	NC	North Carolina
NP	Nepal	UA	Ukrainian SSR	ND	North Dakota
NR	Nauru			NE	Nebraska
NZ	New Zealand	UG	Uganda	NH	New Hampshire
OM	Oman	US	United States of America	NJ	New Jersey
PA	Panama	UY	Uruguay	NM	New Mexico
PE	Peru	VA	Vatican City State	NV	Nevada
PG	Papua New Guinea			NY	New York
PH	Philippines	VC	St. Vincent	OH	Ohio
PK	Pakistan	VE	Venezuela	OK	Oklahoma
PL	Poland	VN	Viet-Nam	OR	Oregon
PM	St. Pierre & Miquelon	WS	Western Samoa	PA	Pennsylvania
PR	Puerto Rico	YD	Yemen (Democratic Rep.)	RI	Rhode Island
PT	Portugal	YE	Yemen (Arab Republic)	SC	South Carolina
PY	Paraguay			SD	South Dakota
QA	Qatar	YU	Yugoslavia	TN	Tennessee
RE	Rhodesia	ZA	South Africa	TX	Texas
RO	Romania	ZM	Zambia	UT	Utah
RW	Rwanda	ZR	Zaire	VA	Virginia
SA	Saudi Arabia			VT	Vermont
SC	Seychelles			WA	Washington
				WI	Wisconsin
				WV	West Virginia
				WY	Wyoming

## Annex 6: Language Codes

The two-letter language codes listed are a selection of a preparatory list for the German standard on language codes (DIN 2335) which has just now (Aug. 1982) appeared as a published draft. The ISO-Recommendation ISO/R 639-1967 ("Symbols for languages, countries and authorities") is still under revision. The codes actually used in the bibliography are a selection of the ones in line, the changes (in brackets) are those codes that deviate from the first list.

Afghanian	ps	Laotian	lo	af	Afrikaans	kn	Kannada
Afrikaans	af	Latin	la	al	Albanian	ko	Korean (hn)
Albanian	sq	Macedonian		am	Amharian	ks	Kashmiri
Amharian	am	(mk)	ma	ar	Arabian	la	Latin
Arabian	ar	Madagassian	mg	as	Assamian	lo	Laotian
Armenian	hy	Malayan	my	az	Azerbaid- zhanian	mg	Madagassian
Assamian	as	Malti	mt			ma	Macedonian
Azerbaid- zhanian	az	Mongolian	mo	bg	Bulgarian		(mk)
Basquian	eu	Nepali	ne	bn	Bengali	mo	Mongolian
Bengali	bn	Norwegian	no	br	Bretonian	mt	Malti
Birmanian	my	Panjabi	pj	ca	Catalan	my	Birmanian
Bretonian	br	Persian (fa)	pe	ch	Chinese	ne	Nepali
Bulgarian	bg	Pidgin	pi		(zh)	nl	Dutch
Catalan	ca	Polish	pl	cs	Czech	no	Norwegian
Chinese (zh)	ch	Portuguese	pt	da	Danish	pe	Persian (fa)
Czech	cs	Quechua	qu	de	German	pi	Pidgin
Danish	da	Rajasthani	ra	en	English	pj	Panjabi
Dutch	nl	Romanian	ro	eo	Esperanto	pl	Polish
English	en	Russian	ru	es	Spanish	ps	Afghanian
Esperanto	eo	Sanskrit	sa	et	Estonian	pt	Portuguese
Eskimo	kl	Serbo-Croa- tian	sh	eu	Basquian	qu	Quechuan
Estonian (et)	ee			fi	Finnish	ra	Rajasthani
Fiji	fj	Sesotho	st		(su)	ro	Romanian
Finnish (su)	fi	Sindhi	sd	fj	Fiji	ru	Russian
French	fr	Singhalese	si	fr	French	sa	Sanskrit
Galician	gl	Slovakian (sk)	sb	gl	Galician	sb	Slovakian
German	de	Slovenian (sl)	sn	gn	Guarani		(sk)
Greek (el)	gr	Soomaali	so	gr	Greek (el)	sd	Sindhi
Guarani	gn	Spanish	es	gu	Gujarati	sh	Serbo-Croa- atian
Gujarati	gu	Suaheli	sw	ha	Hausa		
Hausa	ha	Swedish	sv	hi	Hindi	si	Singhalese
Hebrew	he	Syrian	sy	hu	Hungarian	sn	Slovenian (sl)
Hindi	hi	Tamil	tl		(ma)	sq	Albanian
Hungarian	hu	Tatarian	ta	hy	Armenian	st	Sesotho
Ibo	ib	Telugu	te	ib	Ibo	sv	Swedish
Indonesian	in	Thai	th	in	Indonesian	sw	Suaheli
Irish (ga)	ir	Turkish	tr	ir	Irish (ga)	te	Telugu
Islandic	is	Ukrainian	uk	is	Islandic	th	Thai
Italian	it	Urdu	ur	it	Italian	tl	Tamil
Japanese (ni)	ja	Usbekian	us	ja	Japanese	tr	Turkish
Kambodjia	km	Vietnamese	vi		(ni)	uk	Ukrainian
Kannada	kn	Xhosa	xh	ji	Yiddish	ur	Urdu
Kashmiri	ks	Zulu	zu	kl	Eskimo	vs	multilingual
Korean (hn)	ko	multilingual	vs	km	Kambodja- nian	xh	Xhosa
						zu	Zulu