

Mapping the Knowledge Covered by Library Classification Systems

Chaim Zins, Plácida L.V.A.C. Santos, Silvana A.B.G. Vidotti,

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Main Classes (First Level)

10 Pillars			UDC
Pillars / Categories		Fields	classes
Pillar 1 Foundations			
1.1 Theory		Philosophy of Knowledge Philosophy of Science	0; 1
1.2 Context		History of Science Sociology of Knowledge	
1.3 Metodology		Methodology of Science	
1.4 Mediation		Information Science Museology Scientometrics	0
Pillar 2 Supernatural			
2.1 Theory		Religious Studies	2
2.2 Mysticism		Mysticism	
2.3 Religions	2.3.1 Ancient	Egyptian Mythology Greek Mythology	2
	2.3.2 Monotheism	Judaism Christianity Islam	2
	2.3.1 Asian	Buddhism Jainism Sikhism Confucianism Taoism Shinto Bahaim Zoroastrianism	2
	2.3.1 Modern	Scientology	2
	2.3.1 Ethnic	Shamanism Voodo	2
Pillar 3 Matter & Energy			
3.1 Theory		Philosophy of Physics Philosophy of Space & Time	
3.2 Principles		Physics	5
3.3 Substances		Chemistry	5
Pillar 4 Space & Earth			
4.1 Theory		Cosmological Theory	
4.2 Space		Astronomy	5
4.3 Earth	4.3.1 Surface & Substance	Physical Geography Geology Soil Sciences	5
	4.3.2 Interrelations	Agriculture Environmental Sciences Natural Hazards	5; 6
5.1 Theory		Philosophy of Biology Bioethics	5
5.2 Basic Sciences		Biology	5; 6
5.3 Health & Wellbeing		Veterinary Medicine	
Pillar 6 Body & Mind			
6.1 Theory		Philosophy of Life Philosophy of Mind Bioethics	1
6.2 Basic Sciences		Human Biology Psychology Neuroscience Cognitive Science	1; 5; 6
6.3 Health & Wellbeing	6.3.1 Medical Sciences	Medicine Dentistry	6

	6.3.2 Paramedical Studies		Audiology Clinical Psychology Midwifery Nursing Nutrition Occupational Therapy Optometry Physical Therapy Public Health Speech Therapy	6
	6.3.3 Complementary Medicine		Ayurvedic Medicine Chinese Medicine Homeopathy	
Pillar 7	Society			
7.1 Theory			Philosophy of Soc. Sciences Social Philosophy	3
7.2 Society at-Large	7.2.1 General		Sociology Anthropology Human Geography Demography	3; 5; 9
	7.2.2 Area-Based		Area Studies (Classified by Area)	9
7.3 Domains	7.3.1 Community	7.3.1.1 Communication	Semiotics Linguistics Languages Communication Studies	8
		7.3.1.2 Contract	Political Science	3
		7.3.1.1 Codes	Ethics Law	1; 3
		7.3.1.1 Conduct	Social Psychology Criminology	3
	7.3.2 Needs & Activities		Cultural Studies Economics Education Public Health Recreation Social Work Sport Tourism Urban Planning	3; 6; 7
	7.3.3 Management		Management Studies	0; 3; 6
7.4. Social Groups	7.4.1 Gender		Men's Studies Women's Studies	3
	7.4.2 Age		Youth Studies Gerontology	
	7.4.3 Ethnicity		Ethnic Studies (Ethnic subdivision)	
	7.4.4 Interest		Family Studies Gay & Lesbian Studies	
Pillar 8	Thought & Art			
8.1 Thought	8.1.1 Reason		Philosophy	
	8.1.2 Representation		Philosophy of Language Philology	8
	8.1.3 Realations		Logic Mathematics Statistics	1; 3; 5
8.2 Arts - Literature	8.2.1 Theory		Literary Theory	8
	8.2.2 Forms		Poetry Prose Drama Essay	8
8.3 Arts - Non Literary	8.3.1 Theory		Philosophy of Art History of Art	7

			Conceptual Art Drawing Painting Sculpture Photography Printmaking Tapestry Dance Music Theater Opera Entertainment Cinematography Digital Arts Applied & Design Arts Architecture	7
Pillar 9		Technology		
9.1 Theory			Philosophy of Technology	6
9.2 Professions			Engineering	6
9.3 Technologies	9.3.1 Sciences		Artificial intelligence Biotechnology Computer Science Materials Science Nanotechnology Nuclear Technology ...	0; 6
	9.3.2 Needs & Activities		Educational Technology Food Technology Information Technology ...	6
	9.3.3 Materials		Ceramic Technology Glass Technology Iron Technology Mineral Technology Wood Technology	
	9.3.4 Processes		Cutting Technology Freezing Technology	
Pillar 10		History		
10.1 Theory			Philosophy of History	
10.2 General Memory			History Archeology	9
10.3 Relations			Genealogy	9

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Main Sublasses

(Second Level)

10 Pillars			UDC
Pillars / Categories		Fields	classes
Pillar 1 Foundations			
1.1 Theory		Philosophy of Knowledge Philosophy of Science	00; 16
1.2 Context		History of Science Sociology of Knowledge	
1.3 Metodology		Methodology of Science	
1.4 Mediation		Information Science Museology Scientometrics	02; 06
Pillar 2 Supernatural			
2.1 Theory		Religious Studies	
2.2 Mysticism		Mysticism	
2.3 Religions	2.3.1 Ancient	Egyptian Mythology Greek Mythology	21; 25
	2.3.2 Monotheism	Judaism Christianity Islam	26; 27; 28
	2.3.1 Asian	Buddhism Jainism Sikhism Confucianism Taoism Shinto Bahaim Zoroastrianism	22; 23; 24
	2.3.1 Modern	Scientology	29
	2.3.1 Ethnic	Shamanism Voodo	25
Pillar 3 Matter & Energy			
3.1 Theory		Philosophy of Physics Philosophy of Space & Time	
3.2 Principles		Physics	53
3.3 Substances		Chemistry	54
Pillar 4 Space & Earth			
4.1 Theory		Cosmological Theory	
4.2 Space		Astronomy	
4.3 Earth	4.3.1 Surface & Substance	Physical Geography Geology Soil Sciences	52; 54; 55
	4.3.2 Interrelations	Agriculture Environmental Sciences Natural Hazards	50; 63
5.1 Theory		Philosophy of Biology Bioethics	57
5.2 Basic Sciences		Biology	56; 57; 58; 59; 63.
5.3 Health & Wellbeing		Veterinary Medicine	
Pillar 6 Body & Mind			
6.1 Theory		Philosophy of Life Philosophy of Mind Bioethics	13
6.2 Basic Sciences		Human Biology Psychology Neuroscience Cognitive Science	159.9; 57; 61
6.3 Health & Wellbeing	6.3.1 Medical Sciences	Medicine Dentistry	61

	6.3.2 Paramedical Studies		Audiology Clinical Psychology Midwifery Nursing Nutrition Occupational Therapy Optometry Physical Therapy Public Health Speech Therapy	61
	6.3.3 Complementary Medicine		Ayurvedic Medicine Chinese Medicine Homeopathy	
Pillar 7		Society		
7.1 Theory			Philosophy of Soc. Sciences Social Philosophy	30
7.2 Society at-Large	7.2.1 General		Sociology Anthropology Human Geography Demography	31; 39; 57; 91
	7.2.2 Area-Based		Area Studies (Classified by Area)	91
7.3 Domains	7.3.1 Community	7.3.1.1 Communication	Semiotics Linguistics Languages Communication Studies	81
		7.3.1.2 Contract	Political Science	32
		7.3.1.1 Codes	Ethics Law	17; 34
		7.3.1.1 Conduct	Social Psychology Criminology	31
	7.3.2 Needs & Activities		Cultural Studies Economics Education Public Health Recreation Social Work Sport Tourism Urban Planning	33; 35; 36; 37; 63; 64; 654/659; 67; 69; 71; 79
	7.3.3 Management		Management Studies	00; 35; 654/659
7.4. Social Groups	7.4.1 Gender		Men's Studies Women's Studies	30
	7.4.2 Age		Youth Studies Gerontology	
	7.4.3 Ethnicity		Ethnic Studies (Ethnic subdivision)	
	7.4.4 Interest		Family Studies Gay & Lesbian Studies	
Pillar 8		Thought & Art		
8.1 Thought	8.1.1 Reason		Philosophy	1; 101; 11; 13; 14; 16; 17
	8.1.2 Representation		Philosophy of Language Philology	80; 81
	8.1.3 Realations		Logic Mathematics Statistics	16; 31; 51
8.2 Arts - Literature	8.2.1 Theory		Literary Theory	82
	8.2.2 Forms		Poetry Prose Drama Essay	82
8.3 Arts - Non Literay	8.3.1 Theory		Philosophy of Art History of Art	

	8.3.2 Forms		Conceptual Art Drawing Painting Sculpture Photography Printmaking Tapestry Dance Music Theater Opera Entertainment Cinematography Digital Arts Applied & Design Arts Architecture	72; 73; 74; 75; 76; 77; 78; 79
Pillar 9		Technology		
9.1 Theory			Philosophy of Technology	66
9.2 Professions			Engineering	62
9.3 Technologies	9.3.1 Sciences		Artificial intelligence Biotechnology Computer Science Materials Science Nanotechnology Nuclear Technology ...	00; 60; 64; 66
	9.3.2 Needs & Activities		Educational Technology Food Technology Information Technology ...	62; 68; 69
	9.3.3 Materials		Ceramic Technology Glass Technology Iron Technology Mineral Technology Wood Technology	
	9.3.4 Processes		Cutting Technology Freezing Technology	
Pillar 10		History		
10.1 Theory			Philosophy of History	93/94
10.2 General Memory			History Archeology	91
10.3 Relations			Genealogy	929

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