

Figure 4.1.1. Subjects
Experimental matrix of subjects

A detailed discussion of this matrix can be found in the Appendix “Functional Classification”, or at www.uia.org.

General headings

Matrix levels:

- 0 Cosmosphere/Geosphere
- 1 Biosphere
- 2 Social action (structure)
- 3 Social action (context)
- 4 Concept formation (structure)
- 5 Concept formation (context)
- 6 Innovative change (structure)
- 7 Innovative change (context)
- 8 Experiential (values)
- 9 Experiential (modes of awareness)

Matrix columns:

- 0 Formal preconditions
- 1 Domain definition
- 2 Organized relations
- 3 Differentiated order
- 4 Contextual renewal
- 5 Controlled movement
- 6 Communication reinforcement
- 7 Resource redistribution
- 8 Environmental manipulation
- 9 Condition of the whole

Formal concepts	Pattern establishment and consolidation		Pattern maintenance and appreciation		Pattern adaptation and propagation		Pattern innovation and exploitation		Pattern (im)balance
Precondition	Domain definition	Organized relations	Differentiated order	Contextual renewal	Controlled movement	Communication reinforcement	Resource redistribution	Environmental manipulation	Condition of the whole

	0	1	2	3	4	5	6	7	8	9
9	Consciousness 90	Leadership (Authenticity) 91	Love (Compassion) 92	Comprehension 93	Creative expression 94	Vigilance (Courage) 95	Transcendence (Detachment) 96	Freedom (Liberation) 97	Perseverance 98	Oneness (Universality) 99
8	Principles 80	Purpose 81	Solidarity (Cooperation) 82	Idealism 83	Harmony 84	Integration 85	Meaning 86	Sharing 87	Resourcefulness (Inventiveness) 88	Equanimity 89
7	Innovative change 70	Logics 71	Emotional fulfilment 72	Philosophy 73	Aesthetics 74	Security 75	Morals, ethics 76	Community 77	Coevolution 78	Peace (Justice) 79
6	Development 60	Policy making (Futurology) 61	 62	Language 63	Design 64	Inter-disciplinarity 65	Individuation, psycho-analysis 66	Co-operative 67	Invention 68	Conservation 69
5	Noosphere 50	Science 51	Experiential activities 52	History 53	Culture 54	Strategy, logistics 55	Theology 56	Metapolitics 57	Agroscience 58	International relations 59
4	 40	Sociology 41	Management 42	Informatics, classification 43	Ekistics (Architecture) 44	Cybernetics (Systems) 45	Psychology (Behaviour) 46	Economics 47	Technology 48	Environment 49
3	 30	Research, standards 31	Health care 32	Education 33	Recreation (Arts, sports) 34	Defence (Police) 35	Religious practice 36	Government, politics 37	Agriculture, fisheries 38	Law 39
2	Action 20	Society 21	Social activity (Employment) 22	Information (Documentation) 23	Amenities (Necessities) 24	Transportation, telecommun. 25	Communication (Media) 26	Commerce (Finance) 27	Industry (Production) 28	Societal problems 29
1	Life 10	Biosciences 11	Plant Life 12	Zoology 13	Invertebrates 14	Fish, reptiles 15	Birds, mammals 16	Mankind 17	Medicine 18	Geography (Ecology) 19
0	Fundamental sciences 00	Astronomy 01	Earth 02	Meteorology 03	Climatology 04	Oceanography 05	Hydrology 06	Geophysics 07	Geology 08	Resources (Energy) 09