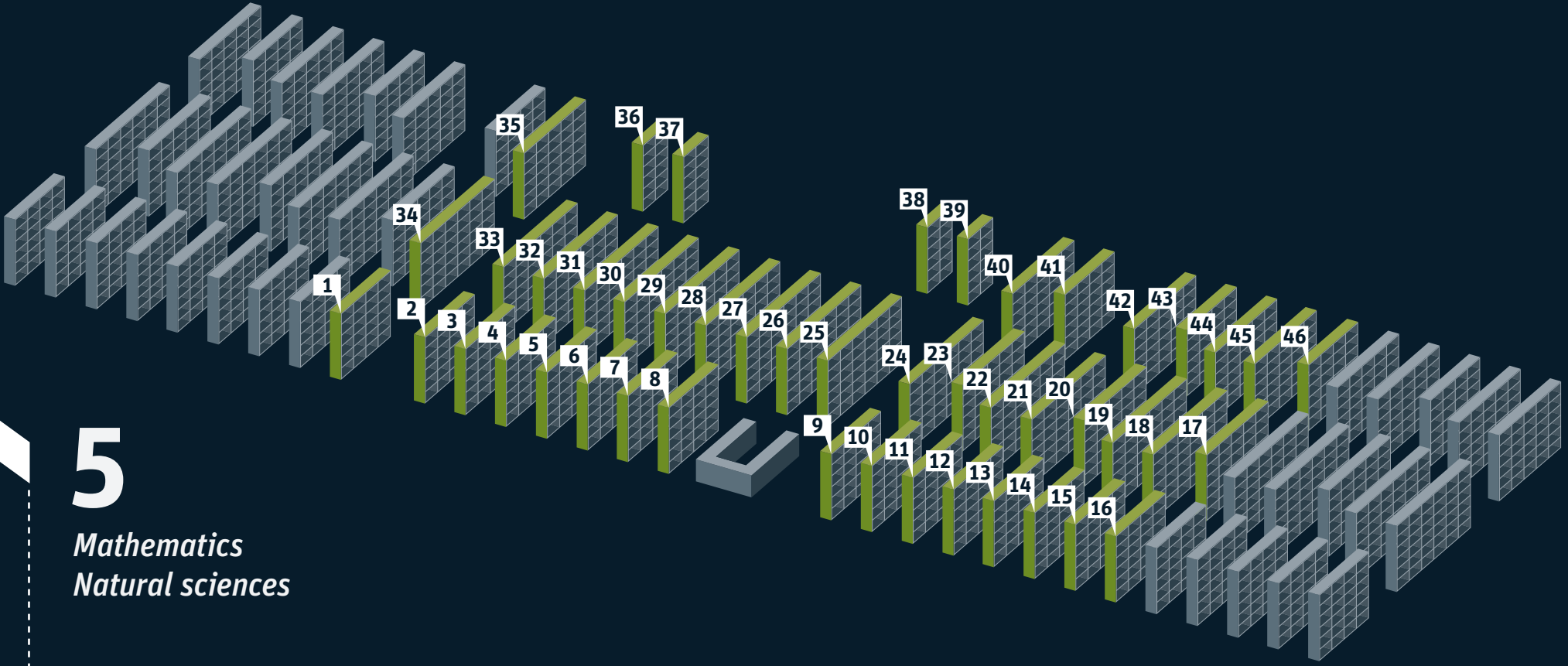


5

Mathematics  
Natural sciences



1	5	Mathematics and natural sciences.	25	54	Chemistry.	42	593/595	Invertebrates.
1	50	Environmental science.	25-26	543	Analytical chemistry.	42	595.7	Insects. Entomology.
1	502	Environmental science. Environment protection.	26-27	543.2/.5	Methods of analysis: chemical, spectral, optical and physico-chemical. Spectroscopy. Chromatography.	42	595.7(083.44)	Insects identification keys.
1-2	502.1	Environment and society. Eco development. Sustainable development.	27-28	544	Physical and theoretical chemistry.	43	596/599	Vertebrates. Chordata.
3	502.5	Nature reserves. Scenic parks. Landscape protection.	28-29	546	Inorganic chemistry.	43	597/598.1	Fishes. Amphibia. Reptiles.
3	504	Threats to the environment.	29-30	547	Organic chemistry.	43	598.2	Birds. Ornithology.
3-5	51	Mathematics.	30	548/549	Crystallography. Mineralogy.	43	599	Mammals.
5	51(09)	Mathematics – history.	31	55	Geology and related sciences. Meteorology. Hydrology.	44-46	5(05)	Mathematics and natural sciences – serial publications, periodicals.
5	51-7	Research and mathematical methods in other fields of science.	31	550	Ancillary sciences of geology. Geophysics. Geochemistry. Geobiology.		notes:	
5-6	51-7:336	Financial mathematics.	31	551	General geology: physical geology and geodynamics. Meteorology. Historical geology. Stratigraphy. Paleogeography.			
6	510.22	Set theory.	31	552/553	Petrography. Rocks. Economic geology. Science of mineral deposits.			
6	510.6	Mathematical logic.	31	556	Hydrology. Hydrosphere.			
7	511	Number theory.	32	56	Palaeontology. Fossilology.			
7-8	512	Algebra.	32	57	Biological sciences.			
8-9	512.6/.8	Special divisions of algebra. Polynomials. Algebraic equations. Algebraic geometry. Lie groups.	32	572	Anthropology.			
9-10	514	Geometry.	32	573	General and theoretical biology.			
10-11	515.1	Topology.	32	574	General ecology. Biocoenology. Hydrobiology. Biogeography.			
11-12	517	Mathematical analysis.	33	575	General genetics. General cytogenetics. Immunogenetics. Evolution. Phylogeny.			
13	517.2/.4	Differential calculus. Integral calculus.	33	576	Cellular biology. Cytology.			
13-14	517.5	Real-valued functions. Functions of a complex variable.	34	577	Material bases of life. Biochemistry. Molecular biology. Biophysics.			
14-15	517.9	Differential, integral, functional, difference equations.	35	578/579	Virology. Microbiology.			
16	517.98	Functional analysis. Theory of operators.	35	58	Botany.			
16	519.1	Combinatorial analysis. Graph theory.	35	581	General botany. Biology of plants.			
17-18	519.2	Calculus of probability. Mathematical statistics. Statistical analysis.	36-37	581.1/.4	Plant physiology. Plant diseases. Phytopathology. Embryology of plants. Ontogenesis. Plant morphology. Plant histology. Tissues.			
18	519.6	Computational mathematics. Numerical analysis.	38	581.5	Plant ecology. Ethology of plants.			
19	519.7	Mathematical cybernetics. Theory of information (mathematical aspect).	38-39	581.9	Plant geography. Floras.			
19	519.8	Operational research. Game theory. Mathematical programming. Mathematical models.	40	582	Systematic botany.			
20	52	Astronomy. Geodesy. Surveying. Cartography.	40	582(083.44)	Plant identification keys.			
20	520/524	Astronomy. Astrophysics.	40	59	Zoology.			
20	528	Geodesy. Surveying. Photogrammetry. Cartography.	40	591	General zoology. Biology of animals.			
20	53	Physics.	41	591.1	Animal physiology.			
21	530.1	Basic principles of physics. Theory of relativity.	41	591.3	Animal embryology. Ontogeny.			
22	530.145	Quantum theory. Quantum physics. Quantum mechanics.	41	591.4	Animal anatomy. Organology. Zootomy.			
22	531/534	Mechanics.	41	591.5	Animal habits. Ecology of animals. Ethology of animals.			
23	535	Light. Optics.	41	591.8	Animal histology.			
23	536	Heat. Thermodynamics.	41	591.9	Geographic zoology. Fauna.			
23	537	Electricity. Magnetism. Electromagnetism.	41	592/599	Systematic zoology.			
24	538.9	Condensed matter physics (liquid state and solid state).						
24	539	Physical nature of matter. Nuclear, atomic and molecular physics.						