



**LIST OF DISCIPLINES
FOR POLISH-GERMAN RESEARCH PROJECTS
WITHIN THE BEETHOVEN LIFE 1 CALL**

Life Sciences

NZ1 Molecular biology, structural biology, biotechnology: molecular biology, structural biology, biotechnology, e.g.:

- NZ1_1 Molecular biology
- NZ1_2 Biochemistry
- NZ1_3 Biophysics
- NZ1_4 Structural biology
- NZ1_5 Genetic engineering
- NZ1_6 Synthetic biology
- NZ1_7 Cell engineering
- NZ1_8 Tissue engineering
- NZ1_9 Biotechnology
- NZ1_10 Microbiology
- NZ1_11 Other related subjects

NZ2 Genetics, genomics: molecular genetics, genomics, proteomics, bioinformatics, systems biology, genetic epidemiology, e.g.:



- NZ2_1 Molecular genetics
- NZ2_2 Genomics, transcriptomics, epigenomics
- NZ2_3 Proteomics
- NZ2_4 Metabolomics
- NZ2_5 Cell genetics
- NZ2_6 Immunogenetics
- NZ2_7 Bioinformatics
- NZ2_8 Computational biology
- NZ2_9 Systems biology
- NZ2_10 Biological systems analysis, modelling and simulation
- NZ2_11 Genetic epidemiology
- NZ2_12 Other related subjects

NZ3 Cellular and developmental biology: cell biology, developmental biology, ageing biology, neurobiology, e.g.:

- NZ3_1 Cell biology
- NZ3_2 Cell physiology
- NZ3_3 Apoptosis
- NZ3_4 Ageing
- NZ3_5 Molecular neurobiology
- NZ3_6 Cell neurobiology
- NZ3_7 Signal transduction
- NZ3_8 Stem cell biology
- NZ3_9 Organogenesis
- NZ3_10 Developmental genetics in plants
- NZ3_11 Developmental biology in plants
- NZ3_12 Developmental genetics in animals
- NZ3_13 Developmental biology in animals
- NZ3_14 Other related subjects

NZ4 Biology of tissues, organs and organisms: morphology and functions of animal's and human's systems, organs and organisms, experimental medicine, basics of neurology, e.g.:

- NZ4_1 Anatomy
- NZ4_2 Physiology
- NZ4_3 Comparative physiology



- NZ4_4 Pathophysiology
- NZ4_5 Anatomical pathology
- NZ4_6 Endocrinology
- NZ4_7 Neurophysiology
- NZ4_8 Neuroendocrinology
- NZ4_9 Systems neurobiology
- NZ4_10 Neuroimaging and computational neuroscience
- NZ4_11 Metabolism
- NZ4_12 Other related subjects

NZ5 Human and animal noninfectious diseases: etiology, mechanisms, diagnosis and treatment of diseases, poisonings and injuries (without neurological diseases), e.g.:

- NZ5_1 Etiology of human diseases
- NZ5_2 Etiology of animal diseases
- NZ5_3 Pathogenesis of human diseases
- NZ5_4 Pathogenesis of animal diseases
- NZ5_5 Diagnostics in human diseases
- NZ5_6 Diagnostics in animal diseases
- NZ5_7 Human disease treatment
- NZ5_8 Animal disease treatment
- NZ5_9 Other related subjects

NZ6 Human and animal immunology and infection: immunity, immune disorders, immunotherapy, infectious and invasive diseases, microbiology, transplantology, allergology, e.g.:

- NZ6_1 Adaptive and innate immunity
- NZ6_2 Clinical immunology
- NZ6_3 Animal immunology
- NZ6_4 Bacteriology
- NZ6_5 Virology
- NZ6_6 Parasitology
- NZ6_7 Mycology
- NZ6_8 Other related subjects

NZ7 Diagnostic tools, therapies and public health: public health, epidemiology, environmental health risks and occupational medicine, medical ethics, drug discovery and therapies, pharmacology, e.g.:

- NZ7_1 Epidemiology
- NZ7_2 Environment and health risks
- NZ7_3 Physical culture and health promotion



- NZ7_4 Prevention in population health
- NZ7_5 Health services, health care research
- NZ7_6 Occupational medicine
- NZ7_7 Rehabilitation
- NZ7_8 Pharmacoeconomics
- NZ7_9 Medical ethics
- NZ7_10 Veterinary ethics
- NZ7_11 Veterinary healthcare
- NZ7_12 Prevention of human diseases
- NZ7_13 Prevention of animal diseases
- NZ7_14 Pharmacy, pharmacotherapy, pharmacology
- NZ7_15 Toxicology
- NZ7_16 Other related subjects

NZ8 Evolutionary and environmental biology: evolution, ecology, population biology, biodiversity, biogeography, e.g.:

- NZ8_1 Evolutionary biology
- NZ8_2 Ecology
- NZ8_3 Animal behaviour
- NZ8_4 Biodiversity
- NZ8_5 Biogeography
- NZ8_6 Marine biology
- NZ8_7 Hydrobiology
- NZ8_8 Ecotoxicology
- NZ8_9 Population genetics
- NZ8_10 Taxonomy and phylogenetic
- NZ8_11 Botany
- NZ8_12 Zoology
- NZ8_13 Human biology and ecology
- NZ8_14 Other related subjects

NZ9 Fundamentals of applied life sciences and biotechnology: agricultural, forestry, horticulture, animal production and fishery, food and nutrition sciences, industrial biosciences, environmental biotechnology and remediation, e.g.:

- NZ9_1 Agronomy
- NZ9_2 Animal production
- NZ9_3 Forestry
- NZ9_4 Horticulture
- NZ9_5 Aquaculture, fisheries
- NZ9_6 Environment protection



NZ9_7 Nutrition and food sciences

NZ9_8 Environmental microbiology

NZ9_9 Environmental biotechnology

NZ9_10 Bioremediation

NZ9_11 Biohazards, biological containment, biosafety, biosecurity

NZ9_12 Conservation of genetic resources

NZ9_13 Other related subjects

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The English version of this document does not constitute a sworn translation and has been prepared as an auxiliary document for your convenience. In case of any doubts as to the interpretation of its provisions, the Polish version shall prevail.