Computer Science & Mathematics

Computer Vision & Image Processing
- 000 Image Generation & Segmentation
- 001 Face & Fingerprint Recognition
- 002 Multimodal Vision & Transformer
- 003 Object Detection & Classification
- 004 Mapping & Geospatial Analysis

Natural Language Processing
- 010 Text to Text Transformer
- 011 Knowledge Graphs & Reasoning

Speech Recognition & Audio Processing
- 020 Music & Acoustic Modeling
- 021 Emotion & Cognition in Audio
- 022 Speech Recognition

Biomarkers for Health & Performance
- 030 Clinical Decision Support
- 031 Human - Computer Interaction

Machine Learning Foundations
- 040 Supervised Learning
- 041 Neural Network Architectures
- 042 SVM & Decision Tree
- 043 Probabilistic Modeling & Optimization
- 044 Unsupervised Learning
- 045 Unsupervised Learning

Biomedical & Health Science

Medical Imaging & Radiology
- 100 Musculoskeletal Imaging
- 101 Neuroimaging & Imaging Physics
- 102 Cancer Detection & Screening
- 103 Disease Diagnostics

Neuroscience & Mental Health
- 110 Neuroscience
- 111 Knowledge Graphs & Reasoning

Clinical Informatics & Public Health
- 120 Cardiovascular Risk Modeling
- 121 Treatment Response & Risk Prediction
- 122 Epidemiological Forecasting & Policy
- 123 Human-Centered Medical AI Systems
- 124 Clinical Decision Support

Molecular Biology & Drug Discovery
- 130 Molecular Biology
- 131 Drug Discovery

Microbial and Immune Systems Biology
- 140 Infectious Disease & Immunology
- 141 Microbial Ecosystems

Genetics & Genomics
- 040 Cancer Genomics
- 041 Gene Regulation
- 042 Mutation & Evolutionary Genetics
- 043 Organ Physiolog

2 - Social Sciences

Education & Learning Science
- 200 Learning & Performance Analytics
- 201 Teaching & Curriculum Design
- 202 Learning Psychology & Motivation

Digital Media & Communication
- 210 Content Integrity & Safety
- 211 Social Media & Public Discourse
- 212 Sentiment Mining & Analysis
- 213 Dialogue & Conversational AI

Politics & Governance
- 220 International Politics & Law
- 221 Science Policy & Knowledge Networks
- 222 Game Theory & Decision Making

Finance & Stock Market
- 230 Algorithmic Trading
- 231 Digital Financial Services
- 232 Macroeconomic Financial Policy

Business & Management
- 240 Risk Analytics & Decision Modeling
- 241 Smart Manufacturing
- 242 Organizational Performance
- 243 Enterprise Digitization
- 244 Digital Marketing
- 245 Profiling & Personalization

Urban Development
- 250 Sustainable Development
- 251 Tourism

Ethical & Creative AI
- 260 Artificial Cognition & Ethics
- 261 Digital Art
- 262 Virtual Reality

3 - Natural Sciences

Climate & Hydrology
- 300 Tectonics & Geology
- 301 Topography & Earth-Observation
- 302 Hydrology & Marine Science
- 303 Ecosystem Ecology
- 304 Climate & Atmospheric Prediction

Material Science
- 310 Flow, Wind & Heat Modeling
- 311 Material Strength & Fabrication
- 312 Polymers, Photonics & Biomaterials

Energy & Thermodynamics
- 320 Petroleum Mapping & Extraction
- 321 Environmental Engineering

Agriculture & Forestry
- 330 Forest Ecosystems
- 331 Soil & Microbiome Monitoring
- 332 Crop Disease & Species Classifier
- 333 Livestock & Veterinary Science
- 334 Agriculture & Yield Optimization

Astrophysics & Quantumphysics
- 340 Astrophysics
- 341 Computational Quantum Systems
- 342 Particle & Nuclear Physics

Neuromorphic Hardware Accelerators
- 350 Neuromorphic Computing
- 351 Circuit Architecture for Neural Systems

Construction & City Planning
- 360 Construction Technology
- 361 Mobility & City Planning

4 - Engineering & Applied Sciences

Cybersecurity & Privacy
- 400 Cybersecurity
- 401 Blockchain & Cryptography
- 402 Hardware - Software Interaction

IoT & Edge Computing
- 410 Wireless Communications
- 411 Edge Computing
- 412 Cloud & Distributed Systems
- 413 IoT Devices & Sensors

Anomaly & Fault Detection
- 420 Structural Health Monitoring
- 421 Anomaly Detection
- 422 Fault Detection

Energy Technologies
- 430 NEV & Battery Health
- 431 Power Asset Monitoring
- 432 Smart Grid Analytics & Optimization
- 433 Energy System Modeling
- 434 Renewables & Grid Optimization

Autonomous Mobility
- 440 Autonomous Driving
- 441 Traffic Modeling
- 442 Networked Routing

Robotics & Mechatronics
- 450 Navigation & Path Planning
- 451 Embodied Robotics
- 452 Task Scheduling & Decision Making
- 453 Control Systems & Fuzzy Logic