



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 Physiology

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

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

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