

Computer Vision & Image Processing

- 000 Image Generation & Segmentation 001 Face & Fingerprint Recognition
- 002 Multimodal Vision & Transformer
- 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

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
- Mutation & Evolutionary Genetics 042
- 043 Organ Physiolog

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 Network 222 Game Theory & Decision Making

Finance & Stock Market

- 230 Algorithmic Trading
- 231 Digital Financial Services
- 232 Macroeconomic Financial Policy

Business & Managemen

- 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