

# 2018-2019 FIELD CODES OF PROJECT-BASED INTERNATIONAL EXCHANGE PROGRAMME

## **1. FUNDAMENTAL SCIENCES AND ENGINEERING (Top Field)**

### **01.01.Cloud Computing/ Internet of Things/ Social Networks/ Big Data (Field)**

- 01.01.01. Information Security
- 01.01.02. Cyber Security
- 01.01.03. Cryptology
- 01.01.04. Data Mining and Data Storage
- 01.01.05. Data Analysis
- 01.01.06. Pattern Recognition Analysis
- 01.01.07. Biometrics and Privacy
- 01.01.08. High Success Calculation

### **01.02.Aerospace (Field)**

- 01.02.01. Aircraft and Spacecraft Design
- 01.02.02. Propulsion Systems
- 01.02.03. Autonomous Unmanned Aircraft System

### **01.03.Medical and Molecular – Cellular Engineering (Field)**

- 01.03.01. Biomaterials and Tissue Engineering
- 01.03.02. Biomedical Equipment (medical devices)
- 01.03.03. Human Brain and Neuroscience
- 01.03.04. Neurogenetics
- 01.03.05. Food-Metabolism Interaction
- 01.03.06. Nanobiotechnologic-guided Drugs
- 01.03.07. Biosensors
- 01.03.08. Bioinformatics
- 01.03.09. Vaccine Studies
- 01.03.10. Translational Medicine

### **01.04.Food Technologies (Field)**

- 01.04.01. Organic Agriculture
- 01.04.02. Food Biotechnology
- 01.04.03. Food Safety and Security

### **01.05.Transportation - Intelligent Transportation Systems (Field)**

- 01.05.01. Sustainable and Intelligent Transportation

### **01.06.Energy Technologies (Field)**

- 01.06.01. Hydrogen and Fuel Cells
- 01.06.02. Power and Storage Technologies
- 01.06.03. Energy Storage and Energy Materials
- 01.06.04. Renewable Energy Sources / Technologies (Solar Energy, Wind Energy, Geothermal, Hydropower)
- 01.06.05. Nuclear Energy

**01.07. Robotics and Intelligent Systems (Field)**

- 01.07.01. Robotics
- 01.07.02. Human – Computer Interaction
- 01.07.03. Artificial Intelligence

**01.08. Material Sciences and Engineering (Field)**

- 01.08.01. Energetic Materials Technologies
- 01.08.02. New 3B Additive Manufacturing
- 01.08.03. Intelligent Materials
- 01.08.04. Biomimetics
- 01.08.05. Liquid Purification Technologies
- 01.08.06. Personal Protective Equipment (PPE)
- 01.08.07. Photonics

**01.09. Micro/ Nano/ Opto-electronics and Semiconductor Technologies (Field)**

- 01.09.01. Micro and Nano Technologies
- 01.09.02. Sensor Technologies

**01.10. Defence Technologies (Field)**

- 01.10.01. Defence Systems Integration and Systems Engineering
- 01.10.02. Defence Informatics, Modelling and Simulation

**01.11. Sustainable Environmental Management Technologies, Ecosystems and Sustainable Built Environment (Field)**

- 01.11.01. Sustainable and Intelligent Cities
- 01.11.02. Sustainable and Intelligent Campus
- 01.11.03. Sustainable Building Materials and Technologies

**2. MEDICAL (Top Field)**

**02.01. Basic Medical Sciences (Field)**

- 02.01.01. Molecular Pathology
- 02.01.02. Molecular Pharmacology and Drug Investigation
- 02.01.03. Tumor Immunology
- 02.01.04. Molecular Oncology
- 02.01.05. Gene Therapy and Genome Studies
- 02.01.06. Cancer Epidemiology
- 02.01.07. Natural and Herbal Products, and Cosmetic Products
- 02.01.08. Pharmacoeconomics and Patient Safety
- 02.01.09. Pharmaceutical Biotechnology and Drug Design
- 02.01.10. Physiopathology

**02.02. Medicine – Clinical Sciences (Field)**

- 02.02.01. Nosocomial Infections
- 02.02.02. Stroke: Neurological Motor Rehabilitation
- 02.02.03. Behavioural Sciences and Artificial Intelligence
- 02.02.04. Neurophysiology
- 02.02.05. Radiopharmacy and Nuclear Medicine
- 02.02.06. Audiology and Speech Disorders
- 02.02.07. Clinical Nutrition

- 02.02.08. Molecular and Cellular Gastroenterology
- 02.02.09. Metabolism and Chronic Diseases (Obesity, Diabetes, Atherosclerosis)
- 02.02.10. Autoinflammatory Diseases
- 02.02.11. Disaster Medicine
- 02.02.12. CBRN Studies

**02.03. Nursing (Field)**

- 02.03.01. Psychiatric Nursing
- 02.03.02. Diabetics and Podology Nursing
- 02.03.03. Geriatric Nursing
- 02.03.04. Emergency Nursing
- 02.03.05. Intensive Care Nursing

**3. SOCIAL SCIENCES (Top Field)**

**03.01. Law (Field)**

- 03.01.01. Public Law
- 03.01.02. Private Law

**03.02. Social Sciences (Field)**

- 03.02.01. Participation Banking
- 03.02.02. Urban Transformation Studies
- 03.02.03. Geriatric Studies
- 03.02.04. Poverty Studies
- 03.02.05. Migration Studies
- 03.02.06. International Security and Terrorism
- 03.02.07. Social Media Studies
- 03.02.08. Psychology
- 03.02.09. Philosophy
- 03.02.10. Logic
- 03.02.11. Old Turkic Language
- 03.02.12. Preschool Education
- 03.02.13. Special Education (Talented/Disordered etc.)

**03.03. Philology (Field)**

- 03.03.01. Armenian
- 03.03.02. Hebrew
- 03.03.03. Chinese
- 03.03.04. Russian

**03.04. Management Sciences (Field)**

- 03.04.01. Politics of Science and Technology
- 03.04.02. Supply Chain Management
- 03.04.03. R-D Management

**4. ARCHITECTURE, ART AND DESIGN (Top Field)**

- 04.01.01. Architecture
- 04.01.02. Industrial Products Design
- 04.01.03. Urban and Regional Planning
- 04.01.04. Restoration