

**ANNEX 1 .... 2020 – 2021 ACADEMIC YEAR PROJECT BASED  
INTERNATIONAL EXCHANGE PROGRAM FIELDS**

**FUNDAMENTAL SCIENCES AND ENGINEERING**

1.	Network Technologies (5G, Internet of Things)
2.	Intelligent Energy Systems
3.	Smart and Innovative Materials ( including Defence Material Technologies, Shape-Memory Alloys, Superconductors and Alloy Technologies)
4.	Plant Genetics and Agricultural Biotechnology (including Seed Researches and Vaccine Technology)
5.	Bioinformatics – Biostatistics
6.	Biomaterial and Tissue Engineering
7.	Biomedical and Biomedical Technologies
8.	Blockchain Technologies
9.	Naval and Marine Engineering (including Submarine Design)
10.	Electrical and Hybrid Vehicles
11.	Industrial Engineering (Operational Research; Supply – Chain Management)
12.	Energy Storage
13.	Energy Efficiency (in Transportation, Industry and Buildings)
14.	Power Electronics
15.	Computational Science and Engineering
16.	Hygiene, Sanitation and Food Safety
17.	Climate Change
18.	Advanced Robotic Systems and Mechatronics (including Legged Robots, Biomimetic Robots, Biorobotics, Biomechanics, Human-Robot Cooperation)
19.	Advanced and Smart Manufacturing
20.	Civil Engineering (Construction; Construction Materials; Construction Management)
21.	Quantum Programming
22.	Micro and Nanotechnology
23.	Architecture
24.	Engine Technologies
25.	Neuroengineering
26.	Nuclear Energy
27.	Nuclear Physics
28.	Optics, Electro-Optics and Photonics
29.	Defence Technologies (Oriented and Intensive Energy Technologies, Invisibility Technologies, Surface Coating Technologies, Satellite Design, Explosive Behaviors and Detonation Technology, Modern Radar Technologies, Aerial Platform Design, Bombsight Technologies)
30.	Cyber Security and Cryptology
31.	Systems Engineering
32.	Aquaculture and Fishery Industry Technologies
33.	Sustainable Forestry
34.	Sustainable Water Resources (including Water Conservation and

	Decontamination Technologies
35.	Sustainable Agriculture( including Innovative and Good Agricultural Practices)
36.	Sustainable Intelligent Transportation System
37.	Urban and Regional Planning
38.	Remote Sensing and Geographical Information System (including RF, IR and Acoustic Sensors, Advance Data/Image Processing)
39.	Data Science and Cloud Computing (including Big Data Technologies)
40.	Fossils (Fossil and Biofuels) and Combustion
41.	Artificial Intelligence and Machine Learning (including Artificial Neural Network)
42.	Software Engineering
43.	Innovative Food Processing Technologies and Food Biotechnology
44.	Zootechnics and Animal Feeding

**2020 – 2021 ACADEMIC YEAR PROJECT BASED INTERNATIONAL EXCHANGE PROGRAM FIELDS**

**SOCIAL SCIENCES**

1.	Constitutional Law
2.	Anthropology
3.	Arabic Philology and Literature / Arabic Philology and Rhetoric
4.	Information and Document Management
5.	Science History
6.	Information Technology Law
7.	Maritime Law
8.	Eastern Mediterranean Studies
9.	Digitalization in Education
10.	Armenian
11.	Philosophy and Sociology of Law
12.	Communication Studies (Public Relations and Advertising; Journalism; Radio – Television – Cinema)
13.	Sign Language
14.	Public Diplomacy
15.	Public Finance
16.	Rural Development
17.	Museology
18.	Preschool Education
19.	History of Ottoman Institutions and Civilization
20.	Special Education
21.	Psychology
22.	Health Economics
23.	Political Psychology
24.	Political Geography

25.	Intangible Cultural Heritage
26.	Genocide Studies
27.	Conservation and Restoration of Movable Cultural Heritage
28.	International Conflict Resolutions/Negotiation and Conciliation
29.	International Security and Terrorism (including Counterterrorism socioeconomically)

**2020 – 2021 ACADEMIC YEAR PROJECT BASED INTERNATIONAL EXCHANGE PROGRAM FIELDS**

**HEALTH**

1.	Vaccination
2.	Child Development and Nutrition
3.	Biophysics
4.	Natural and Herbal Products / Herbal Products
5.	Epidemiology
6.	Ergotherapy
7.	Physical Medicine and Rehabilitation
8.	Hospital Acquired Infections and Antimicrobial Resistance
9.	Nursing (Surgical Nursing, Pediatric Nursing, Obstetric and Gynaecological Nursing, Internal Diseases Nursing, Nursing Rudiments)
10.	Immunology
11.	Human Brain and Neuroscience
12.	Clinical Pharmaceutics
13.	Stem Cell Studies
14.	Metabolism and Chronic Disease (Obesity, Diabetes, Atherosclerosis)
15.	Molecular Biology Genetics (Gene Therapy and Genome Studies)
16.	Molecular Pharmacology and Drug Investigation
17.	Molecular Oncology
18.	Molecular Pathology and Laboratory Medicine
19.	Demographic Movement and Migrant Health
20.	Audiology
21.	Rehabilitation Medicine and Assistive Technology
22.	Regenerative Medicine
23.	Healthy Diet and Food Additives
24.	Complementary Medicine
25.	Toxicology
26.	Translational Medicine
27.	Aging and Geriatric Health