**Joint Grant Research Programme-**

**Priorities for BAU (Call 2017-2018)**

**Cultural Heritage**

* Archaeology
* Protection, conservation and restoration of artifacts and ancient manuscripts
* Archaeometry

**Arabic Language and History**

* Arabic linguistics, dynamism and history
* Cognitive linguistic in Arabic
* History of Science
* Arabization of software

**Sociology and Ethics**

* Migration sociology
* Conflict resolution and Post-conflict societies
* Gender and feminist studies
* Ethics in media coverage of conflicts conventional and social medias

**Business, Economics and Finance**

* Entrepreneurial University and innovation
* Economy of conflict areas
* Lebanon as potential destination for offshoring
* Actuarial science and Financial risk management
* Mathematical and computer modeling applied to finance and economy
* Business information decision systems
* International finance and emerging markets
* Entrepreneurship
* Gender diversity
* Corporate governance
* Cross-cultural management
* Digital marketing
* Internal and external audit
* Consumer behavior
* Enhancing work conditions
* Asset pricing, risk management and volatility modeling
* Forensic accounting and auditing.
* Human information processing in accounting and auditing.
* New audit form.
* Fair value measurement and disclosure.
* Integrated reporting.
* Compliance with IFRS.
* Sustainability reporting.
* Interaction between modern information technology and management accounting.
* Sustainability management and cost accounting.

**Medical Sciences**

* Addictive Diseases
* Cancer Research
* Cardiovascular diseases
* Clinical pharmacology.
* Pharmacy
* Clinical Immunology and Immunopathology
* Clinical Biochemistry
* Clinical Genetics
* Radiotherapy
* Diseases of Bones and Joints
* Endocrinology
* Geriatrics
* Infectious Diseases
* Medical Microbiology
* Mental Disorders, Somatic Symptom and Related Disorders
* Metabolic Disorders
* Methods of Epidemiology and Preventive Medicine
* Psychiatry
* Neurophysiology and Brain Research.
* Public Health and Health Services
* Respiratory Diseases
* Ethics in medicine and medical research
* Neurophysiology and brain research
* Stem cell research and therapy
* Genetics of rare diseases
* Rehabilitation
* Patient and health worker safety

**Agriculture and Food**

* Challenges of agricultural activities
* Food Security
* Food safety & food industry
* Veterinary medicine
* Pest and Alien species
* Study of Indigenous /cultural food Knowledge and consumption

**Environment and Natural Resources**

* Valorization of Lebanese coastal zones
* Petroleum studies
* Sustainable water management
* Renewable energy
* Biodiversity and speciation
* Mitigation & management of natural risks
* Sociology of risk
* Air quality
* Urban planning in the age of climate change
* Environmental law
* Environmental risks and waste treatment.
* Water Treatment
* Environmental Microbiology

**Basic Science and Engineering**

* Theoretical & Particle physics
* Peaceful use of nuclear energy and technics
* Forensic chemistry
* Green chemistry
* Biomedical engineering
* Molecular & Cellular Biology
* Genetics
* Architecture and Design
* Civil and Environmental Engineering
* Chemical Engineering
* Ergonomy
* Electrical, Computer and Communications Engineering
* Industrial Engineering and Management
* Modern Imaging and vision
* Mechanical Engineering
* Nanotechnology and nanoengineering.
* Telecommunications.
* Advanced Materials
* Radiation Protection
* Application of Electrochemistry
* Natural Products
* Nano Science & Nanotechnology, instead of Nanotechnology and Nanoengineering

**Psychological and Behavioral Sciences**

* Psychological and Behavioral Disorders
* Coping Strategies
* Emotions & Affect
* Post-traumatic Stress Disorder
* Stress and Illness

**Pharmaceutical Sciences**

* Drug Discovery
* Therapies
* Clinical Pharmacy and Practice
* Drug Delivery and Development

**Architecture, Design and Built Environment**

* Urban Health and Wellbeing
  + Urban Design and Planning
  + Urban and Cultural Heritage
  + Urban Crisis/Disasters
  + Urban Planning in the Age of Climate Change
  + Valorization of the Lebanese Coastal Zones-in the context of urban planning and design
* Architecture and Environmental Design
  + Renewable Energy in Architecture
  + Indoor Environmental Control and Air Quality
  + Sustainable Water Management
  + Building Performance and Retrofitting
  + Creative Sustainability in Architecture
* Architecture and Design
  + Protection, Conservation, and Restoration of Historical Buildings
  + Intelligent Buildings and Nanotechnology
  + Building Information Modeling (BIM) and Digital Design
  + Cross-Cultural Management
  + Conflict Resolution & Post-Conflict Societies-Risk Management

**Law and Political Science**

* Law and Modern Technology Coping Strategies
* Law and Protection of foreign Investments
* Law and Power Resources
* Public Liberties and Human Rights
* Stock Markets
* Administrative Judicature and Corruption
* The Modern Development of the Public International Law and Political Crisis