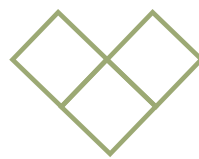




## Digital Technology

Cybersecurity		Smart Cities, Systems and Technologies	
Digital Government Services Security		Digital Integration and City Management Systems	
Digital Infrastructure Protection	Advanced Security Technologies	Digital Sustainability and Environment	Smart Urban Services
Robotics and Automation		Advanced Computing and Communications	
Advanced Service Robots in the Country's Strategic Priority Sectors		Smart and Integrated Communication	
Smart and Autonomous Robots	Robots in the Industrial and Manufacturing Sector	IoT and Integrated Systems	Cloud and Edge Computing
Artificial Intelligence and Computer Science			
Computer Vision and Deep Learning		AI Ethics and Responsible AI	
Artificial Intelligence Systems and Advanced Data Analytics		Arabic Natural Language Processing	

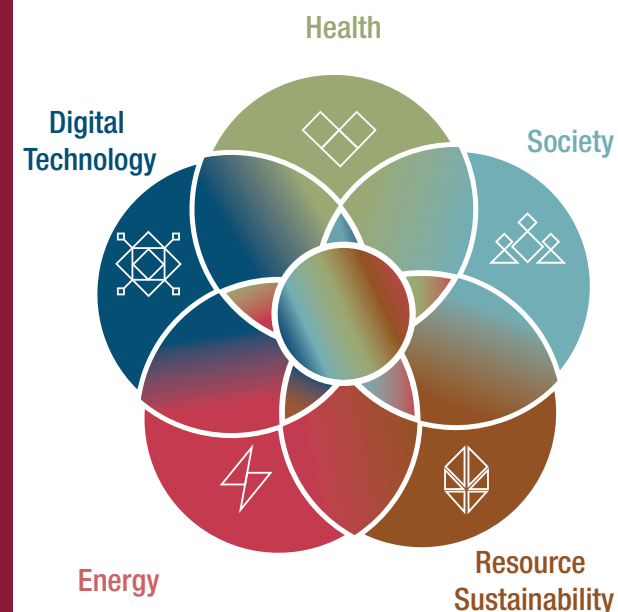


## Health

Regenerative Medicine and Stem Cell Research		Digital Health and Telemedicine	
Regenerative Medicine Applications		Development of Digital Health Systems	
Stem Cell Research	Tissue Engineering	Telemedicine Applications	Virtual Care Services
Artificial Intelligence in Healthcare		Precision and Personalized Medicine and Genomics	
Health Care Management and Economics		Drug Discovery and Development, Clinical Avaluation and Pharmacogenomics	
Medical Diagnosis	Advanced Patient Care	Genomics and Gene Editing	Genome Editing Technologies and Medical Diagnostics
Public Health Systems and Epidemiology		Immunology and Vaccines	
Chronic Disease Management and Mental Health		Vaccine Development and Evaluation	
Health Policy and Planning	Public Health Systems Development	Vaccination Policies and Programs	Immunity and Chronic Diseases



## Qatar University's Research Priorities (2025–2030)





## Resource Sustainability

Water and Food Security		Environmental Protection and Biodiversity	
Developing Food Supply Chains and Strengthening Storage Systems		Species Protection, Biodiversity, and Ecosystem Services	
Water and Food Security Monitoring and Evaluation Systems	Sustainable Water Resource Management and Water Desalination	Protection and Management of Protected Areas	Ecosystem Adaptation to Climate Change
Circular Economy		Climate Adaptation and Sustainable Infrastructure	
Waste Conversion Technologies and Waste-to-Value Solutions		Smart Digital Infrastructure and Resilient Urban Infrastructure	
Development of Circular Economy Systems	Recycling Innovations and Behavioral Change	Sustainable Transport Infrastructure	Climate Risks to Infrastructure
Sustainable Materials and Construction		Agricultural Technologies for Food and Other Applications	
Smart Building Technologies and Energy Management Systems in Buildings		Innovative and Sustainable Agricultural Systems and Technologies	
Sustainable Construction Technologies	Low-Carbon Building Materials	Food Production Enhancement	Agricultural Resource Management



## Society

Identity and Social Values		Digital Society and Digital Government	
Community Participation and Voluntary Work		Digital Transformation of Government Services	
Social and Religious Values	Strengthening National Identity	Digital Governance and Data Management	Digital Inclusion and Digital Infrastructure
Economic Diversification and Sustainable Development		Education, Digital Education, and Building Capacity	
Sustainable Development and Circular Economy	Innovation, Entrepreneurship, and Support for SMEs	Quality of the Digital Learning Environments	Digital Capacity and Skills Development
Financial Technology	Public Policy Development	Teaching and Learning Strategies	Developing Educational Policies
Localization of the Workforce and Building the Capacity of Locals		Development of Digital Curricula and Educational Resources	
National and Human Security, Safety, and Crisis Recovery		Family Cohesion	
Diplomacy and Conflict Resolution	Public Safety and Security	Developing Services for Priority Groups	Supporting the Role of Women in Society
Drug and Crime Prevention	Cybercrime	Work-Family Balance	Strengthening the Institution of Marriage
Disaster and Crisis Management		Enhancing Family Values and Intergenerational Bonds	



## Energy

Smart Grids and Energy Management Systems		Advanced Materials for Energy Applications	
Advanced Energy Management Systems		Development of Advanced Materials and Low-Carbon metals	
Development of Integrated Smart Grids	Network Security and Reliability	Energy Storage Materials and Technologies	End Products in Aluminum Sector
Carbon Capture and Storage Technologies		Renewable Energy and Energy Efficiency	
Carbon Capture and Storage Technologies	Economic and Regulatory Aspects	Renewable Energy Production, Storage and Conversion	Energy Efficiency and Rationalization of Consumption
Enhancing Oil and Gas Production Sustainability and Developing Alternatives			
Sustainable Oil and Gas Production Techniques and Associated Byproduct Management		Carbon Emission Reduction Technologies in the Oil and Gas Industry and Enhancing the Energy Transition	
Fossil Fuel Alternative Production Technologies		Blue Ammonia Production Technologies	