

# Fields of Study for Undergraduate Programme

	Major Fields at Undergraduate Level	Potential Specializations for Graduate Students to pursue their Master and PhD
1	Medicine, Dentistry, Pharmacy, Nursing, Medical Laboratories, Microbiology, Public Health, Nutrition, Health Services Management, Bio-Medicine, Medical Technology, Veterinary, Chemistry, Biology, Bio-Technology and related fields.	<i>Medicine, Pharmacy and Nutrition, etc.</i>
2	Engineering: Civil, Mechanical, Chemical, Electrical, Surveying, Urban Planning,	<i>Insulation Technologies, Transportation and Urban Planning</i>
		<i>Build Resilient Infrastructure, Innovation and Industrial Development, Technological Infrastructure and Product Innovation</i>
		<i>Recycling, Carbon Footprint Reduction, Waste to Energy Technologies</i>
3	Agriculture and Forestry	<i>Food Security, Resilient Crops, Postharvest Technologies</i>
4	Industrial Technologies	<i>Plastic Incorporation into the Food Chain, Biodegradable Plastics, and Recycling Possibilities</i>
		<i>Alternative Technologies, Cutting-edge Research, and Limitation of Pollution</i>
		<i>Reduction of Waste, Serving Communities, Ethics of Growth</i>
5	Physics, Geology and related fields	<i>Renewable Energy and Green Technologies, Solar Potential and Hydrogen, Fuel Cells, Biogas and Biodiesel</i>

# New Fields of Study for Undergraduate ...Continued

6	Computer Science, Information Technology, Telecommunication, and Electronics and related fields	<i>Computer Science, Laser and Fibre Optics, Telecommunication, and Electronic</i>
7	Natural Resources, Marine Sciences	<i>Loss of Biodiversity, Ecosystem Services, Mass Extinction, and Agrobiodiversity</i>
		<i>Strategies for Reductions of CO2 Emissions, and Climate Mitigation and Carbon Sequestration Methods</i>
		<i>Water Purity and Availability, Sanitation and Quality</i>
8	Law, Media and Journalism, Political Sciences, Entrepreneurships, and related fields.	<i>International economics, Journalism, Law, IP, Political Sciences, Entrepreneurships, etc</i>
9	Economics	<i>Mode &amp; Services of Islamic Banking and Finance , Sharia Standards for IFIs, Islamic Insurance &amp; Takaful, Islamic Capital Market, Sharia &amp; Operational Aspects of Sukuk, Islamic Micro-Finance, Zakat Management, Awqaf &amp; Zakat Management</i>
10	Statistics, Demography Econometrics, and Social Studies	<i>Urban Sprawl, Density and Epidemics, and Overshoot</i>
11	Education, Psychology and Learning, Education Policy and International Development	<i>Quality of Teaching, Pupil/Teacher Ratio , High Level Training</i>
		<i>Integration of Sustainability-related issues into national curricula and teaching syllabus documents</i>