

Faculties	Programs		B.Sc.	M.Sc.	Ph.D.
Basic Sciences	Mathematics	Mathematics and Applications	✓		
		Numerical Analysis		✓	
		Algebra		✓	
		Analysis		✓	✓
		Geometry and Topology		✓	
	Physics	Physics of Engineering	✓		
		Laser and Optics		✓	
		Plasma Physics		✓	
		Elementary Particle Physics		✓	
		Statistical physics			✓
		Complex Systems			✓
	Chemistry	Analytical Chemistry		✓	
Organic Chemistry			✓		
Chemical Engineering	Chemical Engineering		✓		✓
	Separation Processes			✓	
	Process Design			✓	
	Thermo-Kinetic and Catalyst			✓	
	Biotechnology			✓	✓
Mechanical Engineering	Mechanical Engineering (Solid Design/Heat & Fluids)		✓		
	Manufacturing and Production Engineering		✓	✓	✓
	Marine Engineering		✓		
	Applied Design-Solid Mechanics			✓	✓
	Applied Design-Dynamics/Vibration & Control			✓	✓
	Energy Conversion			✓	✓
	Naval Architecture/ Structure			✓	
	Mechatronic			✓	

Faculties	Programs		B.Sc.	M.Sc.	Ph.D.	
Civil Engineering	Civil Engineering	Civil Engineering	✓			
		Structural Engineering		✓	✓	
		Earthquake Engineering		✓	✓	
		Highway and Transportation Engineering		✓	✓	
		Hydraulic Structures & Water Eng.		✓	✓	
		Environmental Engineering		✓	✓	
		Marine Structures		✓		
		Geotechnical Engineering		✓	✓	
	Architectural Engineering	Architectural Engineering	✓			
	Surveying Engineering	Surveying Engineering	✓			
Photogrammetry			✓			
Geospatial Information System (GIS)			✓			
Electrical & Computer Engineering	Electrical Engineering	Electrical Engineering	✓			
		Power	Power Systems		✓	✓
			Power Electronics & Electronic Machines			
		Electronics	Electronic Integrated Circuits		✓	
			Micro & Nanoelectric Devices		✓	
			Digital Electronic Systems		✓	
		Communication Systems	Field and Wave Communications		✓	✓
			System Communications		✓	✓
	Control Systems			✓	✓	
	Biomedical Engineering (Bioelectric)			✓	✓	
	Computer Engineering	Computer Engineering	✓			
Software Engineering			✓			
Computer Systems Architecture			✓			
Artificial Intelligence and Robotics			✓			

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Materials & Industrial Engineering	Materials Engineering	Materials Engineering	✓		
		Identification and Selection of Materials		✓	
		Metallurgy			✓
		Biomedical Engineering-Biomaterials		✓	
		Nanotechnology - Nanomaterials		✓	
		Production and Service Systems		✓	
	Industrial Engineering	Industrial Engineering	✓		
		System Optimization		✓	
		Logistics and Supply Chain		✓	
		Healthcare System		✓	