

BME Pre-Engineering Program in Architecture Curriculum

1. semester	Subject	Hours/ week	Notes	Subject	Code	Subject	Code
1. quarter	English	12	online		BMEGT60Z901		
	Mathematics	8	online	Algebra 1	BMETETOP103	Geometry 1	BMETETOP104
	Physics	8	online	Mechanics	BMETETOP101	Electricity	BMETETOP102
	Fundamentals for Architectural Design	4	online – only for architecture engineering students		BMEEPAG221		
	Computer Literacy 1	4	online – mandatory for architecture engineering students, optional to all students		BMEEPAGG101		
2. quarter	English	6			BMEGT60Z901		
	Mathematics	8		Algebra 1	BMETETOP103	Geometry 1	BMETETOP104
	Physics	8		Mechanics	BMETETOP101	Electricity	BMETETOP102
	Freehand Drawing 1	6	only for architecture engineering students		BMEEPAG101		
	Computer Literacy 2	2	mandatory for architecture engineering students, optional to all students		BMEEPAGG201		
2. semester	Subject	Hours/ week	Notes	Subject	Code	Subject	Code
3. quarter	English	6			BMEGT60Z902		
	Mathematics	10		Algebra 2	BMETETOP203	Geometry 2	BMETETOP204
	Physics or Chemistry	6	Chemistry of the chemical and biotechnical engineering students	Vibration, Waves & Thermodynamics	BMETETOP201		
	Freehand Drawing 2	6	only for architecture engineering students		BMEEPAG201		
	Geometrical Constructions 1	4	mandatory for architecture engineering students, optional to all students		BMEEPAGG111		
4. quarter	English	6			BMEGT60Z902		
	Mathematics	10		Algebra 2	BMETETOP203	Geometry 2	BMETETOP204
	Physics or Chemistry	6		Vibration, Waves & Thermodynamics	BMETETOP201		
	Freehand Drawing 2	6	only for architecture engineering students		BMEEPAG201		
	Design Skills	2	only for architecture engineering students		BMEEPAG111		
	Geometrical Constructions 2	2	mandatory for architecture engineering students, optional to all students		BMEEPAGG211		