B.Eng. (Hons.) Automotive Engineering
(collaboration programme with HsKA, Germany)

MQA/FA10802

YEAR	1ST			2ND			3RD		4TH		5TH
SEM	1	2	3	1	2	3	1	2	1	2	1
COURSES	BHA1113 Engineering Materials	BHA1413 Fundamentals Electrical Engineering 1		BHA1133 Dynamics	BHA2613 Machine Elements		BHA3413 Fundamentals Electrical Engineering 2	BHA3402 Vehicle Electronics	BHA3912 Internship	UGE2002 Techno-preneurship	BHA4022 Project Management
	BHA1103 Statics	BHA2123 Mechanics of Materials		BHA2513 Thermodynamics	BHA3602 Automotive Product Development		BHA2313 Microcomputer Technology	BHA3323 Automatic Control	BHA3931 Internship Follow-up	BHA3223 Internal Combustion Engine	BHA4902 Preparations for Bachelor Thesis
	BHA1602 Technical Drawing	BHA2612 Computer Aided Design (CAD)		BHA2342 Technical Informatics 1	BHA2403 Manufacturing Processes		BHA3313 Signals and Systems	BHA3523 Mechanical Vibrations		BHA4704 Team Oriented Project Study	BHA4904 Bachelor Thesis
	BHA1811 Mechanical Laboratory	BHA1821 Mechanical Laboratory 2		BUM2413 Applied Statistics	BHA2533 Fluid Mechanics		BHA3622 Mechnical Design	BHA3922 Internship Preparation		BHA4224 Automotive Engineering	BHA4931 Final Examination (Viva)
	BUM2123 Applied Calculus	BUM2133 Ordinary Differential Equations		UHS1011 Soft Skills 1	BHA2021 Occupational Safety & Health		BHA3921 Engineers and Society	BHA3513 Heat Transfer		BHA4532 Computational Fluid Dynamics	
	UHR1012 Islamic & Asian Civilizations	UQB1011 Co-Curriculum 1		UQB2091 Co-Curriculum 2	UHS2011 Soft Skills 2		BHA3342 Technical Informatics 2	BHA3011 Quality Management		BHA4012 Finite Element Method 2	
	UHG1003 Deutsche Sprache 1	UHG1013 Deutsche Sprache 2	UHG1016 Intensive German I	*UHG2003 Deutsche Sprache 3 (optional)	*UHG2013 Deutsche Sprache 4 (optional)	*UHG2016 Intensive German 2 (optional)	BHA3012 Numerical Programming	BHA3302 Sensors			
							UHM2022 Ethnics Relations	BHA3102 Finite Element Method 1			
TOTAL CREDITS	17	16	6	16	16	6	18	18	13	17	9

TOTAL CREDITS TO GRADUATE = 140 credits

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