

CURRICULUM

IMA UDEM-

FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHT	NINTH
Scientific and Technological Thinking FM1202 6	Philosophical Anthropology HU2025 6	Fundamentals of Health and Wellness PS1201 6	Critical and Creative Thinking DX1201 6	Global Dynamics and Challenges CS1201 6	Christian Social Ethics HU2026 6	Sustainability and Social Responsibility AD1201 6	Leadership Trends AD1203 3	General studies elective 1 6
Differential Calculus FM1022 6	Integral calculus FM1124 6	Linear Algebra FM1131 6	Differential Equations FM1055 6	Numerical Methods FM2010 6	Fundamentals of the Finite Element Method IN3317 6	Manufacturing Automation IN1223 6	Contemporary Communication Challenges CI1201 3	General studies elective 2 6
Physics I FM1021 6	Physics II FM1121 6	Computer Aided Mechanical Drawing IN1215 6	Mechanism Analysis and Design IN1232 6	Design of Machine Elements IN3323 6	Electrical Circuit Analysis IN1231 6	Fluid Mechanics IN2301 6	Heat transfer IN2309 6	Final Evaluation Program of the Administrative Mechanical Engineering Program IN3441 12
Programming and algorithms SC1221 6	Statics IN1230 6	Mechanics of Materials IN2221 6	Dynamics IN2211 6	Mechanical Vibrations IN3348 6	Thermodynamics IN2308 6	Applied Research FM1213 3	Mechanical Management Engineering Professional Application Project IN2303 6	
Materials Engineering I IN1121 6	Materials Engineering II IN1122 6	Materials Laboratory IN3334 6	Manufacturing Technologies IN2232 6	Industry 4.0 Additive Manufacturing IN1325 6	Technology Based Project SC1223 6	Economic Engineering FM1123 6	Elective concentration 3 6	
Introductory Engineering Project IN2224 6	Probability and Statistics FM2012 6	Physical Measurements and Metrology FM1216 6	Science-based Project FM2013 6	Management for Engineers SC1220 6	Project Management IC1210 6	Elective concentration 1 6	Elective concentration 4 6	
						Elective concentration 2 6	Elective concentration 5 6	