

Suggested Study Path for BENGEGU2 M.E. 2022 Cohort - Advanced Standing II

Yr	Sem	Major Requirements						Gateway Education & Others	CUs
1	A	MNE2109 Engineering Mechanics (3)	MNE2112 Thermodynamics (3)	MNE2066 Engineers in Society (3)	Major Elective 1 (3)			College/ School- specified courses (3)	15
	B	MNE2110 Engineering Materials (3)	MNE3122 Fluid Mechanics (3)	MNE2036 Engineering Computing (3)	MNE3058 Embedded Control Systems (3)		PHY1202 General Physics II (3)	GE2410 English for Engineering (3)	18
	S							GE 1 (3)	3
2	A	MNE3118 Mechanics of Materials (3)	MNE3007 CAD/CAM (3)	MNE3120 Measurement and Instrumentation (3)	MNE3115 Microelectromechanical Systems (3)	MNE3046 Automation Technology (3)	Major Elective 2 (3)		18
	B	MNE3010 Mechanical Design (3)	MNE4068 Project (Individual) (3)/ MNE4119 Project (Group) (3)	MNE3121 Heat Transfer (3)	MNE3049 Control Principles (3)	MNE3119 Manufacturing Technology (3)	MNE4032 Robotics and Machine Vision (3)		18
	S		MNE4068 Project (Individual) (6)/ MNE4119 Project (Group) (6)					Reserved for missed courses	6
() indicates number of credits								Total credits (minimum):	78

MNE2016 Engineering Graphics, MNE2029 Electrical and Electronic Principle I and MA2172 Applied Statistics for Sciences and Engineering (totally 9 credit units of core courses) are waived for students admitted with Advanced Standing II.

Prerequisites – those which are not part of the Major Requirement for students admitted with Advanced Standing II will be waived.

Students are advised to consult their Academic Advisor in planning their own study paths. Please note that study path planning is both the privilege and responsibility of each student, so do it with care and diligence. Please refer to Student Handbook and revision/ update announcements by the Department for further details.