

Mechanical Engineering Undergraduate Curriculum Structure (Cohort AY2021/2022 – AY2024/2025)

Mechanical Engineering Major Requirements	Common Curriculum Requirements		Unrestricted Elective (UE) Courses
Engineering Core (20 MCs) <ul style="list-style-type: none"> Mathematics I & II (8 MCs) EG2401A Engineering Professionalism (2 MCs) EG3611A Industrial Attachment (10 MCs) Mechanical Engineering Major (40 MCs) <ul style="list-style-type: none"> Engineering Principles & Practice I/II (8 MCs) Core courses (28 MCs) ME elective course (4 MCs) 	General Education (GE) Courses (24 MCs) <ul style="list-style-type: none"> GEA1000 Quantitative Reasoning with Data CS1010E Programming Methodology ES2531 Critical Thinking & Writing *Singapore Studies Communities & Engagement Cultures and Connections 	Common Courses (36 MCs) <ul style="list-style-type: none"> EG1311 Design and Make *IE2141 Systems Thinking and Dynamics EE2211 Introduction to Machine Learning DTK1234 Design Thinking PF1101 Fundamentals of Project Management *CDE2501 Liveable Cities *CDE2000 Creating Narratives Integrated Project: ME Design or FYP (8 MCs) 	40 MCs of Unrestricted Elective Courses (Any course open to you; may be used to fulfil requirements for specialisations, majors or minors. Refer to the "Build Your Own Degree" page for more information.)
Sub-total = 60 MCs	Sub-total = 60 MCs		Sub-total = 40 MCs

Minimum required for graduation = 160 MCs

* Please refer to the CDE website: <https://cde.nus.edu.sg/undergraduate/curriculum-structure/>