

Robotics and Machine Intelligence (RMI) Undergraduate Curriculum Structure

(Cohort AY2025/2026 onwards)

RMI Major Requirements	Common Curriculum Requirements		Unrestricted Elective (UE) Courses
<p>RMI Core (20 units)</p> <ul style="list-style-type: none"> • MA1511 (2 units) • MA1512 (2 units) • MA1513 (2 units) • CE2407A (2 units) • EG2401A Engineering Professionalism (2 units) • EG3611A Industrial Attachment (10 units) <p>RMI Major (60 units)</p> <ul style="list-style-type: none"> • RB1101 Fundamentals of Robotics I (4 units) • RB2101 Fundamentals of Robotics II (4 units) • Core Courses (28 units) • RMI Technical Electives (16 units) • Integrated Project: FYP RB4101A (8 units) 	<p>General Education (GE) Courses (24 units)</p> <ul style="list-style-type: none"> • GEA1000 Quantitative Reasoning with Data • CS1010E Programming Methodology • ES2631 Critique and Communication of Thinking and Design • CDE2501 Sustainable Systems for Liveable Cities • Communities & Engagement • Cultures and Connections 	<p>Common Courses (16 units)</p> <ul style="list-style-type: none"> • EG1311 Design and Make • EE2211 Introduction to Machine Learning <u>or</u> EE2213 Introduction to Artificial Intelligence • DTK1234 Design Thinking • PF1101A Project Management and Finance 	<p>40 units of Unrestricted Elective Courses</p> <p>(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.)</p>
Sub-total = 80 units	Sub-total = 40 units		Sub-total = 40 units