Bachelor Engineering (Honours) - 3707 - Renewable Energy Engineering - SOLABH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
MATH1131 or MATH1141		6
PHYS1121 or PHYS1131		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
MATH1231 Mathematics 1B		6
SOLA1070 Sustainable Energy		6
PHYS1221 or PHYS1231		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
ELEC1111 Electrical Circuit Fundamentals		6
ENGG1811 or COMP1911 or COMP1511		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
MATH2089 Numerical Methods and Statistics	MATH1231	6
MMAN2700 Thermodynamics		6
SOLA2060 Introduction to Electronic Devices		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
MATH2018 Engineering Mathematics 2D	MATH1231	6
SOLA2051 Project in Photovoltaics and Renewable Energy		6
General Education		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	DESN1000, SOLA2051	6

Course or Activity	Prerequisites	Credits
SOLA2540 Applied Photovoltaics		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
SOLA5050 Renewable Energy Industry and Policy		6
SOLA5053 Wind Energy Converters		6
Strand Electives		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
SOLA5057 Energy Efficiency		6
Strand Electives		6
Strand Electives		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
ELEC2911 Power Engineering for Renewable Energy		6
Disciplinary Electives		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
ELEC4122 Strategic Leadership and Ethics		6
SOLA4951 Research Thesis A		4
Disciplinary Electives		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
SOLA4012 Photovoltaic Systems Design		6
SOLA4952 Research Thesis B	SOLA4951	4
General Education		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
SOLA4953 Research Thesis C	SOLA4952	4
Free Electives		6
Free Electives		6