

Photovoltaics & Solar Energy Engineering

Program / Degree: 3707 B.Engineering Hons (Photovoltaics & Solar Energy)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 st	MATH1131 Maths 1A OR MATH1141 Higher Maths 1A PHYS1121 Physics 1A OR PHYS1131 Higher Physics 1A	6 6	ENGG1000 Engineering Design and Innovation ENGG1811 Computing for Engineers SOLA1070 Sustainable Energy	6 6 6	PHYS1221 Physics 1B OR PHYS1231 Higher Physics 1B MATH1231 Maths 1B OR MATH1241 Higher Maths 1B <i>Engineering Year 1 Elective</i>	6 6 6
	Total UOC	12	Total UOC	18	Total UOC	18
2 nd	SOLA2060 Introduction to Electronic Devices MATH2019 Engineering Maths 2E SOLA2540 Applied PV	6 6 6	MATS1101 Engineering Materials and Chem SOLA2051 Project in PV and RE 1 MATH2089 Numerical Methods and Stats	6 6 6	ENGG4901 Industry Training 1	12
	Total UOC	18	Total UOC	18	Total UOC(nominal)	12
3 rd	SOLA3507 Solar Cells <i>Strand Elective</i> <i>General Education option</i>	6 6 6	SOLA3010 Low Energy Buildings and PV SOLA3020 PV Technology & Manufacturing <i>Discipline Elective</i>	6 6 6	SOLA2053 Sustainable and Renewable Energy SOLA2052 Project in PV and RE 2 <i>Strand Elective</i>	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
4 th	ENGG4902 Industry Training 2A <i>General Education option</i>	12 6	ENGG4903 Industry Training 2B ENGG4904 Industry Training 3A	6 6	ENGG4905 Industry Training 3B	12
	Total UOC (nominal)	(12)	Total UOC (nominal)	12	Total UOC (nominal)	12
5 th	SOLA4951 Thesis A SOLA4012 Grid-Connected PV Systems ELEC4122 Strategic Leadership and Ethics	4 6 6	SOLA4952 Thesis B SOLA5054 PV Stand-Alone System Design & Installation	4 6 6	SOLA4953 Thesis C <i>Discipline Elective</i> <i>Strand Elective</i>	4 6 6
	Total UOC	16	Total UOC	16	Total UOC	16

Notes:

- This is a **SAMPLE** study outline only and can be subject to change.
- You must always take your Industry Training schedule into consideration when planning your course enrolment or other commitments (see diagram below).
- Engineering Year 1 Elective options: <https://www.engineering.unsw.edu.au/study-with-us/first-year-engineering-electives-list>
- Discipline Electives: a comprehensive list of approved Discipline Electives can be viewed in the handbook <https://www.handbook.unsw.edu.au/undergraduate/specialisations/2021/SOLAAH>.
- Strand Electives: a comprehensive list approved Strand Electives can be obtained from the School.

Resources:

- UNSW Handbook: <https://www.handbook.unsw.edu.au/undergraduate/specialisations/2021/SOLAAH>
- School : <https://www.engineering.unsw.edu.au/study-with-us/undergraduate-degrees/photovoltaics-solar-energy-engineering#outlines>
- Co-op: <http://www.coop.unsw.edu.au/programs/photovoltaics-phv-renewable-energy-ren>

Co-op Academic Coordinator

For enrolment related questions please always contact your Co-op Academic Coordinator in the first instance:

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When would I be on Industry Training (IT)?

