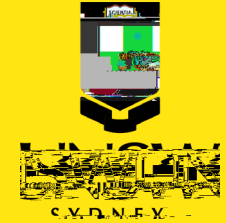


Engineering

Bachelor of Engineering (Honours) (3707)

Photovoltaics & Solar Energy Engineering (SOLA AH)

T1 Entry 2023 Sample Plan



NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

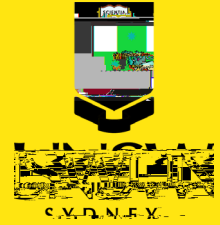
Students doing a Computing Strand should take COMP1911/COMP1511. COMP1511 space may be reserved for Computer Science and Engineering students only in Term 2, if so, you can take COMP1511 in Term 3 instead. Students selecting Mathematics Strand and Physics Stand, and BE/BSc students majoring in 'Mathematic

Engineering

Bachelor of Engineering (Honours) (3707)

Photovoltaics & Solar Energy Engineering (SOLA AH)

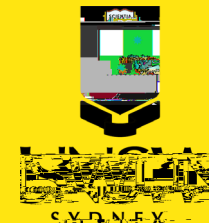
T2 Entry 2023 Sample Plan



Bachelor of Engineering (Honours) (3707)

Photovoltaics & Solar Energy Engineering (SOLA AH)

T3 Entry 2023 Sample Plan



S. A. U. N. F. Y.

| Year 1 | | Year 2 | | Year 3 | |
|--------|--|--------|---|--------|--|
| Term 3 | MATS1101 Engineering Materials and Chemistry | Term 3 | DESN2000 Engineering Design and Professional Practice | Term 3 | Discipline Elective Course |
| | PHYS1121 OR PHYS1131 (Higher) Physics 1A | | MATH2089 Numerical Methods and Statistics | | Discipline Elective Course |
| | MATH1131 OR MATH1141 (Higher) Mathematics 1A | | Free Elective Course | | Strand Elective Course |
| Term 1 | PHYS1221 OR PHYS1231 (Higher) Physics 1B | Term 1 | SOLA2060 Introduction to Electronic Devices | Term 1 | SOLA3507 Solar Cells |
| | DESN1000 Engineering Design and Innovation | | SOLA2540 Applied Photovoltaics | | Discipline Elective Course |
| | MATH1231 OR MATH1241 (Higher) Mathematics 1A | | MATH2018 OR MATH2019 Engineering Mathematics 2D (2E) | | Strand Elective Course |
| Term 2 | ENGG1811 OR COMP1911 OR COMP1511 Computing for Engineers | Term 2 | General Education Course | Term 2 | SOLA3010 Low Energy Buildings and Photovoltaics |
| | SOLA2051 Project in Photovoltaics and Renewable Energy | | Strand Elective Course | | SOLA3020 Photovoltaic Technology and Manufacturing |

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

Students doing a Computing Strand should take COMP1911/COMP1511. Students selecting Mathematics Strand and Physics Stand, and BE/BSc students majoring in 'Mathematics' or 'Physics' should replace MATH2019 with MATH2011 Several Variable Calculus and MATH2121 Theory and Applications of Differential Equations

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.