Master of Engineering in Renewable Energy

Instructions
1. Make sure that you are familiar with the program requirements of your degree.
2. Make sure you are following the program requirements for the academic year that you commenced your degree.
3. Fill in the boxes once you have successfully passed the course (or if you have been awarded course credit or exemption).
4. Ensure that you have completed the minimum unit requirements for each section.
5. Always check your enrolments with CECS Student Services to ensure that you are on track to graduate.

The Master of Engineering in Renewable Energy requires the completion of 16 courses.

Advice from the Program Convenor:
- ENGN6250 and ENGN8260 should be completed in your first year.
- ENGN8100 should be completed before ENGN8120.
- If you have a limited background in engineering thermodynamics you should speak to the Program Convenor about enrolling into ENGN2222 Engineering Thermodynamics as an elective.
- If you have a limited background in electronic systems and design you should speak to the Program Convenor about enrolling into ENGN2218 Electronic Systems and Design as an elective.

Compulsory Courses
Complete the 7x courses listed below

☐ ENGN6250 Professional Practice 1 (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 1 / Semester 2
  Prerequisites: N/A

☐ ENGN8260 Professional Practice 2 (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 1 / Semester 2
  Prerequisites:
  - Successful completion of ENGN6250

☐ ENGN8100 Introduction to Systems Engineering (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 1
  Prerequisites: N/A

☐ ENGN8120 Systems Modelling (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 2
  Prerequisites: N/A

☐ ENGN8170 Group Project (12 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 1 / Semester 2
  Prerequisites:
  - Successful completion of ENGN8100
  - Successful completion of ENGN8260
  This course must be completed in one semester.

☐ ENGN6516 Energy Resources and Renewable Technologies (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 2
  Prerequisites: N/A

☐ ENGN8831 Integration of Renewable Energy into Power Systems and Microgrids (6 units)
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  Availability: Semester 1
  Prerequisites: N/A
Technical Group 1 Courses

Complete 2x of the courses listed below

☐ **ENGN6524** Photovoltaic Technologies\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 1
  - Prerequisites: N/A

☐ **ENGN6548** Wind Energy\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Winter
  - Prerequisites: N/A

☐ **ENGN6525** Solar Thermal Technologies\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 2
  - Prerequisites: N/A

Technical Group 2 Courses

Complete 4x of the courses listed below

☐ **ENGN8832** Urban Energy and Energy Efficiency\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 2
  - Prerequisites: N/A

☐ **ENGN8833** Industrial Energy Efficiency and Decarbonisation\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 1
  - Prerequisites: N/A

☐ **ENGN8830** Photovoltaic Power Plants\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 2
  - Prerequisites: N/A

☐ **ENGN6334** Semiconductors\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 2
  - Prerequisites: N/A

☐ **ENGN6224** Fluid Mechanics and Heat Transfer\(^6\) units
  - completed at the ANU
  - awarded as credit
  - awarded as exemption
  - Availability: Semester 1
  - Prerequisites: N/A

☐ An additional course from Technical Group 1

Unspecified Elective Courses

Complete 2x ANU-wide courses

☐ ANU-wide elective course\(^6\) units
  - Course: ___________________________
  - completed at the ANU
  - awarded as credit

☐ ANU-wide elective course\(^6\) units
  - Course: ___________________________
  - completed at the ANU
  - awarded as credit

Additional electives as a result of awarded course exemption(s)

You are required to complete an additional ______ ENGN-coded elective courses.
You are required to complete an additional ______ ANU-wide elective courses.
### 2020 Suggested Study Plan – Semester 1 Commencement

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>Semester 1 2020</th>
<th>ENGN6250 Professional Practice 1</th>
<th>ENGN8100 Introduction to Systems Engineering</th>
<th>Technical Group 1 Course</th>
<th>ANU-wide elective course</th>
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<td>YEAR 2</td>
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