2020 Study Plan Template

Master of Engineering Science (Electrical and Electronic)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 72 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/postgrad/mengscs/mengscee

Students are responsible for planning their Core and Option Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at Topics 2020

Semester 1, 2020 start:

<table>
<thead>
<tr>
<th>Year 1</th>
<th>S1</th>
<th>Option Year 1 topic:</th>
<th>Option Year 1 topic:</th>
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<tbody>
<tr>
<td></td>
<td>S2</td>
<td>Option Year 1 topic:</td>
<td>Option Year 1 topic:</td>
<td>Option Year 1 topic:</td>
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<tr>
<td>Year 2</td>
<td>S1</td>
<td>ENGR9710A: Master Project (4.5 units)</td>
<td>Option Year 2 topic:</td>
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<td></td>
<td>S2</td>
<td>ENGR9710B: Masters Project (4.5 units)</td>
<td>ENGR9704: Project Management and Innovation (4.5 units)</td>
<td>Option Year 2 topic:</td>
<td>Option Year 2 topic:</td>
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Semester 2, 2020 start:

<table>
<thead>
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<th>Year</th>
<th>Semester</th>
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<td>S2</td>
<td>ENGR9710A:</td>
<td>ENGR9704:</td>
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Key:
- Core Topic
- Compulsory topic
- Option Topic
- A choice from a list of specified topics (see below)

Option Year 1 Topics:
36 units selected from:
- COMP8801 Computer Programming 2 GE (4.5 units)
- ENGR8703 Electronics GE (4.5 units)
- ENGR8712 Automation and Industrial Control GE (4.5 units)
- ENGR8722 Analysis of Engineering Systems GE (4.5 units)
- ENGR8731 Microprocessors GE (4.5 units)
- ENGR8752 Engineering Physics and Materials GE (4.5 units)
- ENGR8761 Engineering Mathematics GE (4.5 units)
- ENGR8771 Electronic Circuits GE (4.5 units)
- ENGR8991 Electrical Engineering Principles GE (4.5 units)

Option Year 2 Topics:
22.5 units selected from:
- ENGR7712 Autonomous Systems (4.5 units)
- ENGR7762 Renewable Energy Systems (4.5 units)
- ENGR7851 Advanced Electronic Design (4.5 units)
- ENGR8772 Sensors and Actuators GE (4.5 units)
- ENGR8802 Electrical Circuits and Machines GE (4.5 units)
- ENGR9721 Control Systems GE (4.5 units)
- ENGR9771 Robotic Systems GE (4.5 units)
- ENGR9781 Computer Organisation and Design GE (4.5 units)
- ENGR9821 Signal Processing GE (4.5 units)
- ENGR9831 Communication Systems GE (4.5 units)
- ENGR9861 Electromagnetics and Electromagnetic Waves GE (4.5 units)
- ENGR9761 Electrical Energy Systems GE (4.5 units)
- ENGR9921 Network Engineering GE (4.5 units)