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- They are based on student
- They take time to find

### WHY WRITE AN HONOURS RESEARCH THESIS?

- Satisfy your intellectual curiosity  
This is the most interesting part of the research process, but it is also the most time-consuming. You will be required to generate original ideas and defend them. This is a great opportunity to explore a topic that interests you and to develop your research skills.
- Develop transferable research skills  
Whether you choose to continue your research or not, the skills you develop during your honours thesis are highly valued by employers. These skills include critical thinking, problem-solving, and communication. You will also gain experience in working independently and managing your time effectively.
- Work closely with academic staff  
At the honours level, you will be working closely with your supervisor, who is an expert in your field. This is a great opportunity to learn from someone who has a wealth of experience and knowledge. You will also have the opportunity to participate in research projects and to present your work at conferences.

## SUPERVISION

- There are no specific hours as sessions are held throughout the course (see below).
- Meet (s and t) ings bet he s t ar r angement .
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## CONSULTATION

- The course e coor dinat it or w be av ailable byr ior appoi needed

## EXPECTED LEARNING OUTCOMES

- At t he conclus
1. Develop a design or a process or investment (7, 8, 9, 10)  
engineering standards
  2. Critically effect
  3. Apply scientific and engineering met
  - 4.

**HIGHER HONOURS A SUBMISSIONS**

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SUMMARY OF ALL HIGHER HONOURS THESIS MARKED ASSESSMENTS

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**Higher Honours Thesis A:**

1.	Component	Week 7	A1	<b>Satisfactory/Unsatisfactory</b>
2.	Component	Week 10	A2	<b>10 % of Final Mark</b>
3.	Component	Week 10	A3	<b>5% of Final</b>
	3.		1.	es ient

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**DATES TO NOTE**

Refer t for Impor t o MNSW ant

Index A: Engineers Australia (EA) Competencies  
 Table 1 Competencies for Professional Engineers

	Program Intended Learning Outcomes
PE1: Knowledge and Skill Base	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals
	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing
	PE1.3 In-depth understanding of specialist bodies of knowledge
	PE1.4 Discernment of knowledge development and research directions
	PE1.5 Knowledge of engineering design practice
	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice
PE2: Engineering Application Ability	PE2.1 Application of established engineering methods to complex problem solving
	PE2.2 Fluent application of engineering techniques, tools and resources
	PE2.3 Application of systematic engineering synthesis and design processes
	PE2.4 Application of systematic approaches to the conduct and management of engineering projects
PE3: Professional and Personal Attributes	PE3.1 Ethical conduct and professional accountability



