

Engineering Science (Masters) (8338)

Space Systems Engineering ([ELECFT](#))

T1 Entry Sample Plan 2025

Year 1	
Term 1	PHYS1121 Physics 1A
	ELEC9762 Space Mission Development
	ELEC9764 The Ground Segment and Space O
Term 2	COMP1521 Computer Systems Fundamentals
	DESN2000 Engineering Design 2
Term 3	MATH2069 Mathematics 2A
	AERO9500 Sat Sys
	ELEC9765 Space Law

Year 2	
Term 1	ELEC9771 Project Report A
	AERO9610 The Space Segment
	Engineering Technical Management Course
Term 2	ELEC9772 Project Report B
	Advanced Disciplinary Knowledge Elective
	Advanced Disciplinary Knowledge Elective
Term 3	GSOE9010 OR GSOE9011 Engineering Postgraduate Coursework Research Skills
	*GSOE9210 Engineering Decision Structures OR GSOE9445 Entrepreneurial Engineering OR GSOE9820 Engineering Project Management OR GSOE9830 Economic Decision Analysis in Engineering

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please see the handbook for details regarding each specialisation, its structure and subject term offerings. You can find your program requirements in the [UNSW Handbook](#), or alternatively your [Progression Checksheet](#) will give you an overview of your program.

*One of these courses should be taken in place of GSOE9841 as it will not run in 2025.

Year 1	
Term 2	COMP1521 Computer Systems Fundamentals
	DESN2000 Engineering Design 2
	PHYS1121 Physics 1A
Term 3	MATH2069 Mathematics 2A
	AERO9500 Sat Sys
	ELEC9765 Space Law
Term 1	ELEC9762 Space Mission Development
	ELEC9764 The Ground Segment and Space O

Year 2	
Term 2	ELEC9771 Project Report A
	Advanced Disciplinary Knowledge Elective
	Advanced Disciplinary Knowledge Elective
Term 3	ELEC9772 Project Report B
	*GSOE9210 Engineering Decision Structures OR GSOE9445 Entrepreneurial Engineering OR GSOE9820 Engineering Project Management OR GSOE9830 Economic Decision Analysis in Engineering
	Engineering Technical Management Course
Term 1	GSOE9010 OR GSOE9011 Engineering Postgraduate Coursework Research Skills
	AERO9610 The Space Segment

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Engineering Science (Masters) (8338)

Space Systems Engineering ([ELECFT](#))

T3 Entry Sample Plan 2025

Year 1	
Term 3	COMP1521 Computer Systems Fundamentals
	PHYS1121 Physics 1A
	MATH2069 Mathematics 2A
Term 1	AERO9610 The Space Segment
	ELEC9762 Space Mission Development
	ELEC9764 The Ground Segment and Space O
Term 2	DESN2000 Engineering Design 2
	Advanced Disciplinary Knowledge Elective

Year 2	
Term 3	ELEC9765 Space Law
	AERO9500 Sat Sys
	*GSOE9210 Engineering Decision Structures <u>OR</u> GSOE9445 Entrepreneurial Engineering <u>OR</u> GSOE9820 Engineering Project Management <u>OR</u> GSOE9830 Economic Decision Analysis in Engineering
Term 1	ELEC9771 Project Report A
	GSOE9010 <u>OR</u> GSOE9011 Engineering Postgraduate Coursework Research Skills
Term 2	ELEC9772 Project Report B
	Engineering Technical Management
	Advanced Disciplinary Knowledge Elective

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Engineering

Engineering Science (Masters)

24 UoC RPL / 48 UoC RPL



24 UoC of RPL

Year 1		Year 2	
Term 1	Engineering Course (6 UoC)	Term 1	Thesis C (4 UoC)
	Engineering Course (6 UoC)		Engineering Course (6 UoC)
	Engineering Course (6 UoC)		Engineering Course (6 UoC)
Term 2	Engineering Course (6 UoC)	Term 2	
	Engineering Course (6 UoC)		
	Thesis A (4 UoC or 6 UoC)		
Term 3	Thesis B (4 UoC or 6 UoC)	Term 3	
	Engineering Course (6 UoC)		
	Engineering Course (6 UoC)		

48 UoC of RPL

Year 1		Year 2	
Term 1	Thesis A (4 UoC or 6 UoC)	Term 1	
	Engineering Course (6 UoC)		
	Engineering Course (6 UoC)		
Term 2	Thesis B (4 UoC or 6 UoC)	Term 2	
	Engineering Course (6 UoC)		
	Engineering Course (6 UoC)		
Term 3	Thesis C (4 UoC)	Term 3	
	Engineering Course (6 UoC)		
	Engineering Course (6 UoC)		

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