Bachelor of Engineering Technology (Systems and Security) and Bachelor of Science (Physics) 2024 Study Planner



Semester 1 Start:

ENGR3731 Differential Equations Multivariable Calculus Applied Mathematic Applied	Sellie	,3(0)	1 Start.				
Page		-	ENGR1401	ENGR1711			
ENGR2711 Engineering Mathematics ENGR2731 Electronic Circuits Mathematics 1B Physics 1A	First Level	Semester		Engineering Design			
Engineering Mathematics Electronic Circuits Mathematics 1B Physics 1A ENGR2705 Working in Secure and Sensitive Professions (0 Units) COMP2712 Neural Networks and Machine Learning Signals and Systems Engrave Engra		Semester 2		Engineering Materials and			
Neural Networks and Machine Learning Neural Networks and Signals and Systems Neural Networks and Machine Learning Neural Networks and Machine Learning Neural Networks and Signals and Systems Neural Networks and Machine Learning Neural Networks and Machine Learning Neural Networks and Signals and Systems Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Networks and Signals and Systems Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Networks and Signals and Systems Neural Networks and Machines Neural Networks and Signals and Systems Neural Neural Networks and Machines Neural Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Networks and Machines Neural Neu	<u>ə</u>	Semester 1					
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Or ENGR3731 Linear Algebra and Differential Equations Multivariable Calculus MATH3702: Method Applied Mathematic Multivariable Calculus MATH3702: Method Applied Mathematic Math3702: Method Applied Mathematic Math3702: Method Applied Mathematic MATH3712 Partial Differential Equations Physics Physics Physics Physaro2 Solid State Physics Optoelectronic Physics ENGR3891 Electromagnetic Technologies, Systems and Security ENGR3750 Workplace Preparation (0 units) ENGR3750 Workplace Preparation (0 units) ENGR7710B ENGR9704 ENGR9704 ENGR9405	Se	Semester 2	Neural Networks and		Electrical Circuits and		
PHYS2702 Tender of ENGR3750 Workplace Preparation (0 units) Linear Algebra and Differential Equations Multivariable Calculus MATH3702: Method Applied Mathematic Mathematic Multivariable Calculus MATH3702: Method Applied Mathematic Mathemati			ENGR3721	MATH2702	MATH2711	Must choose:	
Physics Energy Systems Equations Optoelectronic ENGR3891 Electromagnetic Technologies, Systems and Security ENGR3750 Workplace Preparation (0 units) ENGR7710B ENGR9704 ENGR9405	Level	Semester 1	Or	Linear Algebra and		MATH3702: Methods of Applied Mathematics	
Electromagnetic Technologies, Systems and Security ENGR3750 Workplace Preparation (0 units) Electromagnetics and Electromagnetic Waves Classical Physics Classical Physics Engineering Project A (4.5/9 units) Engineering Project A (5/9 units) Electromagnetics and Electromagnetic Waves Classical Physics ENGR3750	Third	Semester 2	Quantum and Nuclear	Thermodynamics and	Partial Differential	Solid State Physics and	
RIGHT NOT CONTROL OF THE CONTROL OF	Fourth Level		Electromagnetic Technologies, Systems	Engineering Project A	Electromagnetics and		
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e o (4.3/9 units)		Semester 2					

Semester 2:

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First Level	Semester 2	ENGR1401 Professional Skills	MATH1701 Algebra and Functions	ENGR1201 Electronics	ENGR1722 Engineering Materials and Systems	
	Semester 1	ENGR1711 Engineering Design	ENGR1721 Engineering Programming	MATH1121 Mathematics 1A	PHYS1101 Physics 1A	
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 Units)				
Second Level	Semester 2	COMP2711 Computer Programming 2	COMP2712 Neural Networks and Machine Learning	MATH1122 Mathematics 1B	PHYS1102 Physics 1B	
Sec	Semester 1	ENGR2711 Engineering Mathematics	ENGR2731 Electronic Circuits	MATH2702 Linear Algebra and Differential Equations	MATH2711 Multivariable Calculus	
Third Level	Semester 2	ENGR2722 Signals and Systems	ENGR2702 Electrical Circuits and Machines	PHYS2712 Thermodynamics and Energy Systems	MATH3712 Partial Differential Equations	
	Semester 1	ENGR3721 Or ENGR3731	ENGR3891 Electromagnetic Technologies, Systems and Security	Must choose: MATH3702: Methods of Applied Mathematics	ENGR2861 Electromagnetics and Electromagnetic Waves	
Fourth Level	NS1	ENGR3750 Workplace Preparation (0 units)				
	Semester 2	ENGR9704 Engineering Management	ENGR7782 Systems and Security in the Information Age	PHYS2001 Quantum and Nuclear Physics	PHYS3702 Solid State Physics and Optoelectronic	
	Semester 1	ENGR7710A Engineering Project A (4.5/9 units)	ENGR7710B Engineering Project B (4.5/9 units)	ENGR9405 Engineering Work Experience	PHYS2702 Classical Physics	

Key:

BENGTSS Topics	Compulsory topic	
BSCPS Topics	Compulsory topic	

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official Course Rule.
- Topic information for all topics, including pre-requisites can be found on the Topic Page
- General enrolment assistance is available via <u>Ask Flinders</u>
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au