

Major at BIT	<b>School of Information and Electronics</b> Comms Eng, Electronic Science & Tech Info Eng, ICT
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 2228 MATH1013, 1014, 2305 PHYS1101, 1201 COMP1730 18 Elective units
Major at ANU	<b>Electronics and communications</b>
Minor at ANU	<b>Photonics</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN/Uni Elec(4613)	Photonic Sensing Systems
	ENGN2226	Systems Engineering Analysis
	ENGN4625	Power Electronics
	ENGN Elec(3334)	Semiconductors
<b>Semester1</b>	ENGN3226	Digital Communications
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN3213	Digital Systems and Microprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN4536	Wireless Communications
	ENGN3230	Engineering Innovation
	ENGN4221	Systems Engineering Project
<b>Semester 1</b>	ENGN Elect(3512)	Optical Physics
	ENGN4200	Individual Project
	ENGN2225	Engineering Systems Design
	ENGN4537	Discrete-Time Signal Processing

Red=major    Blue=minor

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BM 2560

Major at BIT	<b>School of Optoelectronics</b> Opto Direction Opto Info Sc and Tech
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 2228 MATH1013, 1014, 2305 PHYS1101, 1201, 2016, 2017 COMP1730 6 Elective units
Major at ANU	<b>Electronics and communications</b>
Minor at ANU	<b>Photonics</b>

	DEGREE STRUCTURE	
	Course Code	course Name
<b>Semester 2</b>	ENGN4613	Photonic Sensing Systems
	ENGN2226	Systems Engineering Analysis
	ENGN4625	Pwer Electronics
	ENGN Elec(3334)	Semiconductors
<b>Semester 1</b>	ENGN3226	Digital Communications
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN3213	Digital Systems and Microprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN4536	Wireless Communications
	ENGN3230	Engineering Innovation
	ENGN4221	Systems Engineering Project
<b>Semester 1</b>	ENGN3512	Optical Physics
	ENGN4200	Individual Project
	ENGN2225	Engineering Systems Design
	ENGN4537	Discrete-Time Signal Processing

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BM 2560

Major at BIT	<u>SCHOOL OF OPTOELECTRONICS</u> <u>MEASUREMENT AND CONTROL TECH</u> <u>AND INSTRUMENTATION</u>
Status Receivable	<u>ENGN1211, 1215, 1217, 1218, 2217, 2218, 2228</u> <u>MATH1013, 1014, 2305</u> <u>PHYS1101, 1201, 2016, 2017</u> <u>COMP1730</u> <u>6 ELECTIVE UNITS</u>
Major at ANU	<u>ELECTRONICS AND COMMUNICATIONS</u>
Minor at ANU	<u>PHOTONICS</u>

	DEGREE STRUCTURE	
	Course code	Course Name
<b>Semester 2</b>	ENGN4613	Photonic Sensing Systems
	ENGN2226	Systems Engineering Analysis
	ENGN4625	Power Electronics
	ENGN3334	Semiconductors
<b>Semester 1</b>	ENGN3226	Digital Communications
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN3213	Digital Systems and Microprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN4536	Wireless Communications
	ENGN3230	Engineering Innovation
	ENGN4221	Systems Engineering Project
<b>Semester 1</b>	ENGN3512	Optical Physics
	ENGN4200	Individual Project
	ENGN2225	Engineering Systems Design
	ENGN4537	Discrete-Time Signal Processing

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BM 2560

Major at BIT	<b>School of Automation</b> Automation Elec Eng and Auto
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 2228, 3331 MATH1013, 1014, 2305 PHYS1101 COMP1730 18 Elective units
Major at ANU	<b>Mechatronics</b>
Minor at ANU	<b>Electronics and Communications</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN2229	Dynamics and Simulation
	ENGN2226	Systems Engineering Analysis
	ENGN4625	Power Electronics
	ENGN ELECT	
<b>Semester 1</b>	ENGN3226	Digital Communications
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN3213/3213	Digital Systems and Microprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3223	Control Systems
	ENGN3230	Engineering Innovation
	ENGN4627	Robotics
<b>Semester 1</b>	ENGN2225	Systems Engineering Design
	ENGN4200	Individual Project
	ENGN4221	Systems Engineering Project
	ENGN4528	Computer Vision

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BM 2560

Major at BIT	<b>School of Mechanical</b> Industrial Eng
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 2219, 2222 MATH1013, 1014 PHYS1101 COMP1730 24 Elective units (1x1000, 3x2000)
Major at ANU	<b>Mechanical and Materials</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN2229	Dynamics and simulation
	ENGN2226	Systems Engineering Analysis
	<b>ENGN4615</b>	<b>Finite Element Analysis</b>
	BUSI3030	International Supply Chain Management
<b>Semester 1</b>	<b>ENGN3212</b>	<b>Manufacturing Technologies</b>
	ENGN2225	Systems Engineering Design
	ENGN3221	Engineering Management
	<b>ENGN3601</b>	<b>Engineering Materials</b>
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3230	Engineering Innovation
	<b>ENGN4511</b>	<b>Composite Materials</b>
	ENGN8526	Photovoltaic Module Manufacturing
<b>Semester 1</b>	<b>ENGN4420</b>	<b>Sustainable Product Development</b>
	ENGN4200	Individual Project
	ENGN4221	Systems Engineering Project
	INFS1001	Business Information Systems

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BM 2560

Major at BIT	<b>School of Mechanical</b> Mech Eng and Auto
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 3331 MATH1013, 1014, 2305 PHYS1101 COMP1730 24 Elective units
Major at ANU	<b>Mechatronics</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN2229	Dynamics and simulation
	ENGN2226	Systems Engineering Analysis
	ENGN/Uni Elec (4615)	Finite Element Analysis
	ENGN Elect (2222)	Engineering Thermodynamics
<b>Semester 1</b>	ENGN2219	Computing for Engineering Simulation
	ENGN2225	Systems Engineering Design
	ENGN3221	Engineering Management
	ENGN3213	Digital Systems and Microprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3223	Control Systems
	ENGN3230	Engineering Innovation
	ENGN4627	Robotics
<b>Semester 1</b>	ENGN4221	Systems Engineering Project
	ENGN4200	Individual Project
	ENGN elec (3212/3601)	
	ENGN4528	Computer Vision

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BM 2560

Major at BIT	<b>School of Chemical Eng and Environment</b> Process Equip & Control Eng
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217, 2218, 2228 MATH1013, 1014, 2305 PHYS1101 COMP1100 24 Elective units
Major at ANU	<b>Electronics and Communications</b>
Minor at ANU	<b>Mechatronics</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN2229	Dynamics and Simulation
	ENGN2226	Systems Engineering Analysis
	ENGN4625	Power Electronics
	ENGN ELECT	
<b>Semester 1</b>	ENGN3226	Digital Communications
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN3213/3213	Digital Systems and Mircoprocessors
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3223	Control Systems
	ENGN4536	Wireless Communications
	ENGN3230	Engineering Innovation
<b>Semester 1</b>	ENGN2225	Systems Engineering Design
	ENGN4200	Individual Project
	ENGN4221	Systems Engineering Project
	ENGN4537	Discrete-Time Signal Processing

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BM 2560

Major at BIT	<b>School of Mechanical Eng</b> Mechanical Eng
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217 MATH1013, 1014 PHYS1101 COMP1100 6u ENGN Electives 36 Elective units
Major at ANU	<b>Mechanics and Materials</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN Elec	
	ENGN2226	Systems Engineering Analysis
	ENGN4615	Finite Element Analysis
	ENGN2222	Engineering Thermodynamics
<b>Semester 1</b>	ENGN2219	Computing for Engineering Simulation
	ENGN2225	Systems Engineering Design
	ENGN3221	Engineering Management
	ENGN3601	Engineering Materials
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3230	Engineering Innovation
	ENGN4511	Composite Materials
	ENGN4221	Systems Engineering Project
<b>Semester 1</b>	ENGN4420	Substainable Product Development
	ENGN4200	Individual Project
	ENGN2218	Electronic Systems and Design
	ENGN3212	Manufacturing Technologies

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BM 2560

Major at BIT	<b>School of Materials Science and Eng</b> Material Sc, Materials Form & control
Status Receivable	ENGN1211, 1215, 1217, 1218, 2217 MATH1013, 1014 PHYS1101 COMP1100 30 Elective units
Major at ANU	<b>Mechanics and Materials</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	ENGN Elec	
	ENGN2226	Systems Engineering Analysis
	ENGN4615	Finite Element Analysis
	ENGN2222	Engineering Thermodynamics
<b>Semester 1</b>	ENGN2219	Computing for Engineering Simulation
	ENGN2225	Systems Engineering Design
	ENGN3221	Engineering Management
	ENGN3601	Engineering Materials
<b>Semester 2</b>	ENGN4200	Individual Project
	ENGN3230	Engineering Innovation
	ENGN4511	Composite Materials
	ENGN4221	Systems Engineering Project
<b>Semester 1</b>	ENGN4420	Sustainable Product Development
	ENGN4200	Individual project
	ENGN2218	Electronic Systems and Design
	ENGN3212	Manufacturing Technologies

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BM 2560

Major at BIT	<b>School of Materials Science and Eng</b> Macromolecule Materials and Engineering Materials Chemistry/Polymer
Status Receivable	ENGN1211, 1215, 1217 ENGN Elective MATH1013, 1014 PHYS1101 COMP1100 24 Elective units
Major at ANU	<b>Mechanics and Materials</b>

	DEGREE STRUCTURE	
	Course Code	Course Name
<b>Semester 2</b>	Uni Elec	
	ENGN2226	Systems Engineering Analysis
	ENGN1218	Introduction to Electronics
	ENGN2222	Engineering Thermodynamics
<b>Semester 1</b>	ENGN3212	Manufacturing Technologies
	ENGN2219	Computing for Engineering Simulation
	ENGN3221	Engineering Management
	ENGN2217	Mechanical Systems and Design
<b>Semester 2</b>	Uni Elec	
	ENGN Elec 2228	Signal Processing
	ENGN4221	Systems Engineering Project
	ENGN4615	Finite Element Analysis
<b>Semester 1</b>	ENGN4420	Sustainable Product Development
	ENGN2225	Engineering Systems Design
	ENGN3601	Engineering Materials
	ENGN2218	Electronic Systems and Design
<b>Semester 2</b>	ENGN4511	Composite Materials
	ENGN4200	Individual project
	ENGN4200	Individual project
	ENGN3230	Engineering Innovation

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BM 2560