

Bachelor of Engineering - Renewable Energy Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3224	ENGN4524
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	Elective	Elective
	MATH1013/ MATH1115	ENGN2219 Computer architecture and simulation	Elective	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4300/4350 Capstone or Individual project
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN4625	ENGN4547
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN4516	ENGN4548
	MATH1014/ MATH1116	Elective	Elective	Elective

- Systems Engineering
- Engineering Fundamentals
- Engineering Majors
- Electives

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Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2222 Engineering Thermodynamics	ENGN2301 Engineering Design 3	ENGN4300/4350 Capstone or Individual project
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN4625	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	ENGN4516	ENGN4547
	Elective	ENGN2228 Signals and Systems	Elective	ENGN4548
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3224	ENGN4524
	ENGN2219 Computer Systems and Organisation	ENGN2218 Electronic Systems and Design	Elective	Elective
	Elective	Elective	Elective	Elective

- Systems Engineering
- Engineering Fundamentals
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Bachelor of Engineering R&D - Renewable Energy Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3224	ENGN4524
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	Elective	Elective
	MATH1013/ MATH1115	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4712 Engineering R&D
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN4625	ENGN4547
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN4516	ENGN4548
	MATH1014/ MATH1116	Elective	ENGN3712 Engineering R&D	Elective

- Systems Engineering
- Engineering Fundamentals
- Engineering Majors
- Electives
- Research and Development

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Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN4625	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	ENGN4516	ENGN4547
	Elective	Elective	ENGN3712 Engineering R&D project	ENGN4548
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3224	ENGN4524
	ENGN2219 Computer Systems & Organisation	ENGN2218 Electronic Systems and Design	Elective	Elective
	Elective	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective

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Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3338	ENGN4337
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN3339	ENGN4338
	MATH1013/ MATH1115	ENGN2219 Computer architecture and simulation	Elective	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4300/4350 Capstone or Individual project
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3223	ENGN4339
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	Elective	Elective
	MATH1014/ MATH1116	Elective	Elective	Elective

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Semester 2	COMP1100/ COMP1730	ENGN2222 Engineering Thermodynamics	ENGN2301 Engineering Design 3	ENGN4300/4350 Capstone or Individual project
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3223	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4339
	Elective	ENGN2228 Signals and Systems	Elective	Elective
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3338	ENGN4337
	ENGN2219 Computer Systems and Organisation	ENGN2218 Electronic Systems and Design	ENGN3339	ENGN4338
	Elective	Elective	Elective	Elective

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Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3338	ENGN4337
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN3339	ENGN4338
	MATH1013/ MATH1115	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4712 Engineering R&D
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3223	ENGN4339
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	Elective	Elective
	MATH1014/ MATH1116	Elective	ENGN3712 Engineering R&D	Elective

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Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3223	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4339
	Elective	Elective	ENGN3712 Engineering R&D project	Elective
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3338	ENGN4337
	ENGN2219 Computer Systems & Organisation	ENGN2218 Electronic Systems and Design	ENGN3339	ENGN4338
	Elective	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective

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Bachelor of Engineering - Environmental Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3901	ENGN4901
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	Elective	ENGN4902
	MATH1013/ MATH1115	ENGN2219 Computer architecture and simulation	Elective	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4300/4350 Capstone or Individual project
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3902	ENGN4903
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN3903	Elective
	MATH1014/ MATH1116	Elective	Elective	Elective

- Systems Engineering
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Bachelor of Engineering - Environmental Major

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	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2222 Engineering Thermodynamics	ENGN2301 Engineering Design 3	ENGN4300/4350 Capstone or Individual project
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3902	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	ENGN3903	ENGN4903
	Elective	ENGN2228 Signals and Systems	Elective	Elective
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3901	ENGN4901
	ENGN2219 Computer Systems and Organisation	ENGN2218 Electronic Systems and Design	Elective	ENGN4902
	Elective	Elective	Elective	Elective

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Bachelor of Engineering R&D - Environmental Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3901	ENGN4901
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	Elective	ENGN4902
	MATH1013/ MATH1115	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4712 Engineering R&D
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3902	ENGN4903
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN3903	Elective
	MATH1014/ MATH1116	Elective	ENGN3712 Engineering R&D	Elective

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Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3902	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	ENGN3903	ENGN4903
	Elective	Elective	ENGN3712 Engineering R&D project	Elective
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3901	ENGN4901
	ENGN2219 Computer Systems & Organisation	ENGN2218 Electronic Systems and Design	Elective	ENGN4902
	Elective	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective

- Systems Engineering
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Bachelor of Engineering - Mechatronics Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3331	ENGN4528
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	MATH1013/ MATH1115	ENGN2219 Computer architecture and simulation	Elective	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4300/4350 Capstone or Individual project
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3223	ENGN4627
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	Elective	ENGN4628
	MATH1014/ MATH1116	Elective	Elective	Elective

- Systems Engineering
- Engineering Fundamentals
- Engineering Majors
- Electives

Bachelor of Engineering - Mechatronics Major

Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2222 Engineering Thermodynamics	ENGN2301 Engineering Design 3	ENGN4300/4350 Capstone or Individual project
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3223	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4627
	Elective	ENGN2228 Signals and Systems	Elective	ENGN4628
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3331	ENGN4528
	ENGN2219 Computer Systems and Organisation	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	Elective	Elective	Elective	Elective

- Systems Engineering
- Engineering Fundamentals
- Engineering Majors
- Electives

Bachelor of Engineering R&D - Mechatronics Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3331	ENGN4528
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	MATH1013/ MATH1115	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4712 Engineering R&D
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN3223	ENGN4627
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	Elective	ENGN4628
	MATH1014/ MATH1116	Elective	ENGN3712 Engineering R&D	Elective

● Systems Engineering
 ● Engineering Fundamentals
 ● Engineering Majors
● Electives
 ● Research and Development

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	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3223	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4627
	Elective	Elective	ENGN3712 Engineering R&D project	ENGN4628
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3331	ENGN4528
	ENGN2219 Computer Systems & Organisation	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	Elective	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective

● Systems Engineering
 ● Engineering Fundamentals
 ● Engineering Majors
● Electives
 ● Research and Development

Bachelor of Engineering - Electronics & Communications Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3226	ENGN3539
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	MATH1013/ MATH1115	ENGN2219 Computer architecture and simulation	Elective	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4300/4350 Capstone or Individual project
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN4536	ENGN4625
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN4537	Elective
	MATH1014/ MATH1116	Elective	Elective	Elective

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- Engineering Fundamentals
- Engineering Majors
- Electives

Bachelor of Engineering - Electronics & Communications Major

Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2222 Engineering Thermodynamics	ENGN2301 Engineering Design 3	ENGN4300/4350 Capstone or Individual project
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN4537	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4536
	Elective	ENGN2228 Signals and Systems	Elective	ENGN4625
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4300/4350 Capstone or Individual project
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3226	ENGN3539
	ENGN2219 Computer Systems and Organisation	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	Elective	Elective	Elective	Elective

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Bachelor of Engineering R&D - Electronics & Communications Major

	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3226	ENGN3539
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	MATH1013/ MATH1115	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective
Semester 2	Elective or COMP1100/ COMP1730	ENGN2301 Engineering Design 3	ENGN3301 Engineering Design 4B	ENGN4712 Engineering R&D
	ENGN1217 Introduction to Mechanics	ENGN2222 Engineering Thermodynamics	ENGN4536	ENGN4625
	ENGN1218 Introduction to Electronics	ENGN2228 Signals and Systems	ENGN4537	Elective
	MATH1014/ MATH1116	Elective	ENGN3712 Engineering R&D	Elective

● Systems Engineering
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 ● Engineering Majors
● Electives
 ● Research and Development

Bachelor of Engineering R&D - Electronics & Communications Major

Students commencing Semester 2

	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN4537	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4536
	Elective	Elective	ENGN3712 Engineering R&D project	ENGN4625
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	MATH1014/ MATH1116	ENGN2217 Mechanical Systems and Design	ENGN3226	ENGN3539
	ENGN2219 Computer Systems & Organisation	ENGN2218 Electronic Systems and Design	ENGN4213	Elective
	Elective	ENGN2706 Engineering R&D Project (Methods)	ENGN3712 Engineering R&D project	Elective

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