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						

Bachelor of Engineering - Renewable Energy Major

	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 Majors



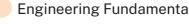
Bachelor of Engineering R&D - Renewable Energy Major

	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 Engine	ering Engineer	ring Fundamentals	Engineering Maj	ors
Electives	Research and Devel	opment		

Bachelor of Engineering R&D - Renewable Energy Major

	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
Systems Engine	ering Engineer	ing Fundamentals	Engineering Maj	ors









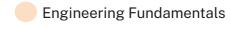
Bachelor of Engineering - Aerospace Major

	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	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		
Systems Engine	Systems Engineering Engineering Fundamentals					
Engineering Majors Electives						

Bachelor of Engineering - Aerospace Major

	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	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

Systems Engineering



Engineering Majors



Bachelor of Engineering R&D - Aerospace 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	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
Systems Engine	ering Engineer	ring Fundamentals	Engineering Maj	ors
Electives	Research and Devel	opment		

Bachelor of Engineering R&D - Aerospace Major

Research and Development

Electives

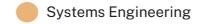
	Year 1	Year 2	Year 3	Year 4
Semester 2	COMP1100/ COMP1730	ENGN2228 Signals and Systems	ENGN2301 Engineering Design 3	ENGN4712 Engineering R&D
	PHYS1101	ENGN1217 Introduction to Mechanics	ENGN3223	ENGN3301 Engineering Design 4B
	MATH1013/ MATH1115	ENGN1218 Introduction to Electronics	Elective	ENGN4339
	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
Systems Engine	ering Enginee	ring Fundamentals	Engineering Maj	ors

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 Engineering Fundamentals					
Engineering Maj	ors Elective	es			

Bachelor of Engineering - Environmental Major

	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





Engineering Majors



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
Systems Engine	ering Engineer	ring Fundamentals	Engineering Maj	ors
Electives	Research and Devel	opment		

Bachelor of Engineering R&D - Environmental Major

Research and Development

Electives

	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 Engine	ering Enginee	ring Fundamentals	Engineering Maj	ors

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 Maj	ors Elective	es		

Bachelor of Engineering - Mechatronics Major

	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 Majors



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 Engine	ering Engineer	ring Fundamentals	Engineering Maj	ors
Electives	Research and Devel	opment		

Bachelor of Engineering R&D - Aerospace Major

	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				









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
Systems Engineering — Engineering Fundamentals				
Engineering Maj	ors Elective	es		

Bachelor of Engineering - Electronics & Communications Major

	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

Systems Engineering



Engineering Majors



Bachelor of Engineering R&D - Electronics & Communications Major

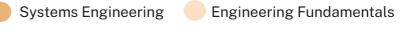
	Year 1	Year 2	Year 3	Year 4
Semester 1	ENGN1211 Discovering Engineering	ENGN2300 Engineering Design 2	ENGN3300 Engineering Design 4A	ENGN4712 Engineering R&D
	PHYS1001/ PHYS1101	ENGN2217 Mechanical Systems and Design	ENGN3226	ENGN3539
	COMP1100/ COMP1730 or Elective	ENGN2218 Electronic Systems and Design	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 Engine	ering Engineer	ring Fundamentals	Engineering Maj	ors
Electives	Research and Devel	opment		

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





Engineering Majors



