

Course progression map for 2021 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It should be used in conjunction with the requirements of the course as specified in the [Handbook](#). This map is subject to updates. Update version: 12 October 2025

L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Common first year

If no foundation units are required:

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1005 Engineering mathematics	ENG1001 Engineering design: Lighter, faster, stronger	ENG1060 Computing for engineers
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1003 Engineering mobile apps	ENG1002 Engineering design: Cleaner, safer, smarter	First Year engineering technical elective

If you need to enrol in foundation physics and maths follow the below first year progression and then overload in your second year to take ENG1003 as shown in the later year course maps.

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	PHS1001 Foundation physics*	ENG1002 Engineering design: Cleaner, safer, smarter	ENG1090 Foundation mathematics*
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics	ENG1001 Engineering design: Lighter, faster, stronger	ENG1060 Computing for engineers

If you need to enrol in foundation maths:

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1003 Engineering mobile apps	ENG1002 Engineering design: Cleaner, safer, smarter	ENG1090 Foundation mathematics*
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics	ENG1001 Engineering design: Lighter, faster, stronger	ENG1060 Computing for engineers

If you need to enrol in foundation physics

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1003 Engineering mobile apps	ENG1002 Engineering design: Cleaner, safer, smarter	PHS1001 Foundation physics*
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics	ENG1001 Engineering design: Lighter, faster, stronger	ENG1060 Computing for engineers

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- * Foundation units: You enrol in the foundation units ENG1090 and/or PHS1001 if you have not completed the Australian VCE (Units 3 & 4) or equivalent Specialist mathematics and/or Physics with [the required study score](#).
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Aerospace engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload
Year 1 Semester 1	Common first year				
Year 1 Semester 2					
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	ENG2005 Advanced engineering mathematics	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	MAE2404 Aerodynamics 1 From 2026 See Progression plan	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	MEC2403 Mechanics of materials From 2026 Replace with MMA2002	MEC2402 Design methods From 2026 Replace with MMA2001	
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	MAE3408 Aerospace control In 2025 Replace with MEC3457 From 2026 Replace with MMA2005	MAE2505 Aerospace dynamics From 2026 Replace with MMA2004	Law elective
Year 4 Semester 1	Law elective	Law elective	MAE2402 Thermodynamics and gas dynamics From 2026 See Progression plan	MAE3404 Flight vehicle dynamics In 2025 Replace with TRC3200 From 2026 Replace with MAE3002	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	MEC3456 Engineering computational analysis From 2026 Replace with MMA3001	MAE3405 Aerospace propulsion See Progression plan	
Year 5 Semester 1	Law elective	Law elective	MAE3401 Aerodynamics 2 See Progression plan	MAE4416 Orbital mechanics and spaceflight dynamics	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	MAE4410 Flight vehicle design	MAE3411 Aerospace structural mechanics	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	MEC4404 Professional practice Replace with one Professional Practice domain unit	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	MAE4426 Finite element analysis and composite structures From 2026 Replace with MMA4001	

NOTE: Please read the [Aerospace Engineering Progression Plan](#) alongside this course map to guide your progression.

- It is important that you follow the course map unit sequence, as units are designed to build on prior knowledge. Taking units out of sequence can disrupt your progression and cause delays due to semester offerings and enrolment rules.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Chemical engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload	
Year 1 Semester 1	Common first year					
Year 1 Semester 2						
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	CHM1011 Chemistry 1 or CHM1051 Chemistry 1 advanced	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps	
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	CHE2161 Mechanics of fluids		
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	CHE2164 Thermodynamics 1	ENG2005 Advanced engineering mathematics		
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	CHE2162 Materials and energy balances	CHE2163 Heat and mass transfer	Law elective	
Year 4 Semester 1	Law elective	Law elective	CHE3161 Chemistry and chemical thermodynamics	CHE3165 Separation processes	Law elective	
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	CHE3162 Process control	CHE3164 Reaction engineering		
Year 5 Semester 1	Law elective	Law elective	CHE4161 Engineers in society From 2025: Replace with one Professional Practice domain unit	CHE3167 Transport phenomena and numerical methods		
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	CHE4170 Design project (12 points)			
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	CHE4162 Particle technology	ENG0001 Continuous professional development (0 credit points)	
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	CHE3166 Process design		

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- CHE4164 and CHE4165 – From 2025, the integrated industrial project opportunities become part of the ENG4701 and ENG4702 Final year projects.
- CHE4170 - You should not overload in the semester when undertaking this unit.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Civil engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload
Year 1 Semester 1	Common first year				
Year 1 Semester 2					
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	CIV2206 Structural mechanics	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	ENG2005 Advanced engineering mathematics	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	CIV2282 Transport and traffic engineering	CIV2263 Water systems	
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	CIV2242 Geomechanics 1	CIV2235 Structural materials	Law elective
Year 4 Semester 1	Law elective	Law elective	CIV3248 Groundwater and environmental geomechanics From 2025: Replace with CIV4249	CIV3294 Structural design	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	CIV3247 Geomechanics 2	CIV3283 Road engineering	
Year 5 Semester 1	Law elective	Law elective	CIV3285 Engineering hydrology	CIV4286 Project management for civil engineers From Sem 2, 2024: Replace with one Professional Practice domain unit	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	CIV3221 Building structures and technology	CIV4288 Water treatment	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	CIV4280 Bridge design and assessment	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	CIV4212 Civil and environmental engineering practice	

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Electrical and computer systems engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload
Year 1 Semester 1	Common first year				
Year 1 Semester 2					
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	ENG2005 Advanced engineering mathematics	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	ECE2191 Probability models in engineering	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	ECE2071 Computer organisation and programming Unit title change from 2025	ECE2131 Electrical circuits	
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	ECE2111 Signals and systems	ECE2072 Digital systems	Law elective
Year 4 Semester 1	Law elective	Law elective	ECE3073 Computer systems	ECE3141 Information and networks	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	ECE3121 Engineering electromagnetics In 2024: Replace with ECE3122	ECE4132 Control system design	
Year 5 Semester 1	Law elective	Law elective	ECE3051 Electrical energy systems	Level 4 or 5 ECE-coded core elective	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	ECE3161 Analogue electronics	Level 4 or 5 ECE-coded core elective	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	ECE4099 Professional practice From Sem 2, 2024: Replace with one Professional Practice domain unit	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	ECE4191 Engineering integrated design	

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Materials engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload
Year 1 Semester 1	Common first year				
Year 1 Semester 2					
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	MTE2101 Atomic-scale structure of materials	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	ENG2005 Advanced engineering maths	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	MTE2102 Phase equilibria and phase transformations	MTE2103 Mechanical properties of materials	
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	MTE3101 Materials in a complex world 1: People, projects and data From 2026 Replace with MTE2204	MTE2201 Polymers Unit title change from 2025	Law elective
Year 4 Semester 1	Law elective	Law elective	MTE3103 Materials life cycle	MTE3102 Plasticity of metals and alloys	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	MTE3201 Materials in a complex world 2: Characterisation, identification and selection	MTE3203 Introduction to ceramics: Properties, processing and applications	
Year 5 Semester 1	Law elective	Law elective	MTE4102 Advanced materials processing and manufacturing	MTE2202 Functional materials 1 From 2026 Replace with MTE3104	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	Level 4 or 5 MTE-coded materials engineering core elective	MTE3202 Functional materials 2 Unit title change from 2026	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	MTE4101 Integrated design project	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	MTE4201 Materials in a complex world 3: Impact in society From Sem 2, 2024: Replace with one Professional Practice domain unit	

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Specialisation – Mechanical engineering

	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)		Overload
Year 1 Semester 1	Common first year				
Year 1 Semester 2					
Year 2 Semester 1	LAW2101 Contract A	LAW2112 Property A	LAW1114 Criminal law 1	MEC2403 Mechanics of materials <small>From 2026 Replace with MMA2002</small>	If two foundation units are required, then overload is required for ENG1003 Engineering mobile apps
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	MEC2401 Dynamics 1 <small>From 2026 Replace with MMA2004 - See Progression plan</small>	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	MEC2402 Design methods <small>From 2026 Replace with MMA2001</small>	ENG2005 Advanced engineering mathematics	
Year 3 Semester 2	LAW3402 Property B	Commercial law elective	MEC2404 Mechanics of fluids <small>From 2026 See Progression plan</small>	MEC3456 Engineering computational analysis <small>From 2026 Replace with MMA3001 - See Progression plan</small>	Law elective
Year 4 Semester 1	Law elective	Law elective	MEC3451 Fluid mechanics 2	MEC2405 Thermodynamics <small>From 2026 See Progression plan</small>	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	MEC3457 Systems and control <small>From 2026 Replace with MMA2005</small>	MEC3416 Machine design <small>Unit title change from 2026</small>	
Year 5 Semester 1	Law elective	Law elective	MEC3455 Solid mechanics <small>Unit title change from 2026</small>	MEC4404 Professional practice <small>Replace with one Professional Practice domain unit</small>	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	MEC3453 Dynamics 2 <small>Unit title change from 2026</small>	MEC4407 Design project <small>Unit title change from 2026</small>	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	MEC4408 Thermodynamics and heat transfer <small>Unit title change from 2026</small>	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	MEC4426 Computer-aided design <small>From 2026 Replace with MMA4001</small>	

NOTE: Please read the [Mechanical Engineering Progression Plan](#) alongside this course map to guide your progression.

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