

Course progression maps for 2025 commencing students

This progression map provides advice on the optimal sequencing of units and guidance on planning unit enrolment for each semester of study in conjunction with the required units outlined in the course 'Requirements' section of the [Handbook](#). Please note that the map may be updated to reflect changes to course requirements. Be sure to review it for the latest information before re-enrolling. Last updated: 30 September 2026

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

Common first year

You do not have VCE Units 3 & 4 Specialist Maths >30 study score <u>and</u> VCE Units 3 & 4 Physics >25 study score: You must enrol in Foundation mathematics (ENG1090) <u>and</u> Foundation physics (PHS1001)				
	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	PHS1001 Foundation physics * <i>Corequisite: ENG1090 *</i>	ENG1013 Engineering smart systems	ENG1090 Foundation mathematics *
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics <i>Required: ENG1090 *</i>	ENG1011 Engineering methods	ENG1014 Engineering numerical analysis <i>Corequisite: ENG1005</i>
If you require two foundation units, you will need to take the remaining core unit ENG1012 Engineering design in Year 2 (Semester 1) as an overload. This increases the total credit points needed for the double degree by 6 points. You cannot swap the semesters of any of the units.				

You do not have VCE Units 3 & 4 Specialist Maths >30 study score: You must enrol in Foundation mathematics (ENG1090)				
	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1011 Engineering methods	ENG1012 Engineering design	ENG1090 Foundation mathematics *
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics <i>Required: ENG1090 *</i>	ENG1013 Engineering smart systems	ENG1014 Engineering numerical analysis <i>Corequisite: ENG1005</i>

You do not have VCE Units 3 & 4 Physics >25 study score: You must enrol in Foundation physics (PHS1001)				
	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1013 Engineering smart systems	ENG1012 Engineering design	PHS1001 Foundation physics *
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1005 Engineering mathematics <i>Required: ENG1090 *</i>	ENG1011 Engineering methods	ENG1014 Engineering numerical analysis <i>Corequisite: ENG1005</i>

You have completed VCE Units 3 & 4 Physics >25 study score <u>and</u> VCE Units 3 and 4 Specialist Maths >30 study score: No foundation units are required				
	Bachelor of Laws (Honours)		Bachelor of Engineering (Honours)	
Year 1 Semester 1	LAW1111 Foundations of law	ENG1005 Engineering mathematics <i>Required: ENG1090 *</i>	ENG1011 Engineering methods	ENG1014 Engineering numerical analysis <i>Corequisite: ENG1005</i>
Year 1 Semester 2	LAW1112 Public law and statutory interpretation	ENG1013 Engineering smart systems	ENG1012 Engineering design	First Year engineering breadth study

NOTE:

- * 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.
- 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.
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
- For enrolment advice, please speak with a course adviser in your specialisation. Refer to the [Course Advisers webpage](#) if you are in Clayton.

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

Engineering 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, you must overload to complete ENG1012 Engineering design
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	MMA2003 Thermofluids 1 Replacing combined MAE2402, MAE2404	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	MMA2002 Solid mechanics 1 Replacing MEC2403	MMA2001 Design 1 Replacing MEC2402	
Year 3 Semester 2	LAW3402 Property B	Law elective	MMA2005 Modelling and control Replacing MAE3408	MMA2004 Dynamics 1 Replacing MAE2505	Law elective
Year 4 Semester 1	Law elective	Law elective	MAE3001 Aero and gas dynamics Replacing combined MAE2402, MAE2404	MAE3002 Aerospace dynamics 2 Replacing MAE3404	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	MMA3001 Numerical methods and machine learning Replacing MEC3456	MAE3405 Aerospace propulsion	
Year 5 Semester 1	Law elective	Law elective	MAE3401 Aerodynamics 2	MAE4416 Orbital mechanics and spacecraft 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	Complete 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	MMA4001 Finite element analysis Replacing MAE4426	

NOTE:

- 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.
- MAE2505** - If you have completed MAE2505 as a First Year breadth study unit, it will count towards your aerospace engineering study. You must still fulfil the First Year engineering breadth study requirement by completing another breadth study unit.
- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Engineering 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, you must overload to complete ENG1012 Engineering design
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	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	Complete 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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- CHM1011, CHM1051, CHE2161** - If you have completed one of these as a First Year breadth study unit, it will count towards your chemical engineering study. You must still fulfil the First Year engineering breadth study requirement by completing another breadth study unit.
- CHE4170** - You should not overload in the semester when undertaking this unit.
- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Engineering 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, you must overload to complete ENG1012 Engineering design
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	Law elective	CIV2242 Geomechanics 1	CIV2235 Structural materials	Law elective
Year 4 Semester 1	Law elective	Law elective	Complete one Professional Practice domain unit	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	CIV4249 Foundation engineering	
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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- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Engineering 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, you must overload to complete ENG1012 Engineering design
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	ECE2191 Probability and AI for engineers	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	ECE2071 Systems programming	ECE2131 Electrical circuits	
Year 3 Semester 2	LAW3402 Property B	Law elective	ECE2072 Digital systems	ECE2111 Signals and 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	ECE3161 Analogue electronics	
Year 5 Semester 1	Law elective	Law elective	ECE3051 Electrical energy systems	Core List A elective	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	ECE4191 Engineering integrated design	ECE4132 Control system design From 2027: Replace with ECE3133	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	Complete 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	Core List A or B elective	

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- [ECE2072](#) - If you have completed ECE2072 as a First Year breadth study unit, it will count towards your ECSE study. You must still fulfil the First Year engineering breadth study requirement by completing another breadth study unit.
- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Engineering 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, you must overload to complete ENG1012 Engineering design
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	Law elective
Year 3 Semester 2	LAW3402 Property B	Law elective	MTE2204 Materials in a complex world 1: People, projects and data	MTE2201 Plastics and the planet: Health, impact and sustainability	
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	MTE3104 Electronic and photonic materials	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	Level 4 or 5 MTE-coded materials engineering core elective	MTE3202 Magnetic and spintronic materials	
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	Complete one Professional Practice domain unit	

NOTE:

- 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.
- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester.
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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours)

Engineering 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	MMA2002 Solid mechanics 1 Replacing MEC2403	If two foundation units are required, you must overload to complete ENG1012 Engineering design
Year 2 Semester 2	LAW2102 Contract B	LAW2111 Constitutional law	LAW1113 Torts	MMA2004 Dynamics 1 Replacing MEC2401	
Year 3 Semester 1	LAW3112 Corporations law	LAW3111 Equity	MMA2001 Design 1 Replacing MEC2402	ENG2005 Advanced engineering mathematics	
Year 3 Semester 2	LAW3402 Property B	Law elective	MMA2003 Thermofluids 1 Replacing combined MEC2404, MEC2405	MMA3001 Numerical methods and machine learning Replacing MEC3456	Law elective
Year 4 Semester 1	Law elective	Law elective	MEC3451 Fluid mechanics 2	MEC3001 Material properties and selection	Law elective
Year 4 Semester 2	LAW4331 Administrative law	LAW4170 Trusts	MMA2005 Modelling and control Replacing MEC3457	MEC3416 Mechanical design 2	
Year 5 Semester 1	Law elective	Law elective	MEC3455 Solid mechanics 2	Complete one Professional Practice domain unit	
Year 5 Semester 2	LAW4332 Criminal law and procedure 2	LAW4323 Evidence	MEC3453 Mechanical dynamics 2	MEC4407 Mechanical design 3	
Year 6 Semester 1	LAW4303 Litigation and dispute resolution	LAW4309 Lawyers' ethics in practice	ENG4701 Final year project A	MEC4408 Thermodynamics 2 and heat transfer	ENG0001 Continuous professional development (0 credit points)
Year 6 Semester 2	Law research elective	Law elective	ENG4702 Final year project B	MMA4001 Finite element analysis Replacing MEC4426	

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- 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.
- MEC2404** - If you have completed MEC2404 as a First Year breadth study unit, it will count towards your mechanical engineering study. You must still fulfil the First Year engineering breadth study requirement by completing another breadth study unit.
- Engineering minors are not available in the Engineering double degree courses.
- All Bachelor of Engineering (Honours) students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information, refer to the [CPD webpage](#).
- Each unit requires 12 hours of work per week. A full-time study week totals 48 hours. If you are unable to commit 48 hours of study due to external commitments, please speak with a course advisor about options to study less units per semester or take some units in the summer semester. For enrolment advice, please refer to the [Course Advisers webpage](#).