

**L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours) LLB(Hons)/BE(Hons)2015
Chemical engineering**

Bachelor of Laws (Honours) 17 common core units (102 credit points) + 9 elective units (54 credit points) including **one** commercial law elective and **one** research project unit = **Total of 156 points**

Bachelor of Engineering 26 units = **Total of 156 points**

Engineering course advice: www.eng.monash.edu.au/current-students/course-advice.html

Double degree – total credit points = 156 + 156 = 312 credit points

YEAR 1 48 credit points

| | | | | |
|-------|--|--|---|---|
| Sem 1 | LAW1111 Foundations of law | Foundation unit or Engineering elective | ENG1002 Engineering design: cleaner, safer, smarter | ENG1003 Engineering mobile apps |
| 2 | LAW1112 Public law and statutory interpretation | ENG1060 Computing for engineers | ENG1091 Mathematics for engineering | ENG1001 Engineering design: lighter, faster, stronger (6 points) |

YEAR 2 60 credit points

| | | | | | |
|---|---------------------------|-----------------------|-------------------------------|--|---|
| 1 | LAW1114 Criminal law 1 | LAW2101 Contract A | LAW2112 Property A | CHE2164 Thermodynamics I | ENG2091** Advanced engg mathematics A |
| 2 | LAW1113 Torts | LAW2102 Contract B | LAW2111 Constitutional law | CHE2162 Material and energy balances | CHE2163** Heat and mass transfer |

YEAR 3 48 credit points

| | | | | |
|---|-----------------------------|-----------------------------|---|---|
| 1 | LAW3112 Corporations law | LAW3111 Equity | CHE3161 Chemistry & chemical thermodynamics | CHM2735 Chemistry – principles and practice |
| 2 | LAW3402 Property B | Commercial law elective* | ENG2092 Advanced engineering mathematics | CHE2161 Mechanics of fluids |

YEAR 4 54 credit points

| | | | | | |
|---|-------------------------------|-------------------|--------------|--|------------------------------|
| 1 | Law elective | Law elective | Law elective | CHE3163 Sustainable processing 1 | |
| 2 | LAW4331 Administrative law | LAW4170 Trusts | Law elective | CHE3164 Reaction engineering | CHE3162** Process control |

YEAR 5 48 credit points

| | | | | |
|---|---|--|---|-----------------------------------|
| 1 | Law elective | CHE3165 Separation processes | CHE3167 Transport phenomena and numerical methods | CHE4161 Engineering in society |
| 2 | LAW4303 Litigation and dispute resolution | LAW4309 Lawyers' ethics in practice | CHE4162 Particle technology | CHE3166 Process design |

YEAR 6 54 credit points

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|---|-----------------------------------|---------------------|---------------------------------------|--|
| 1 | Law elective | LAW4323 Evidence | LAW4332 Criminal law & procedure 2 | CHE4180 Chemical engineering project (12 points) |
| 2 | ^Law research project elective | Law elective | CHE4170 Design project (12 points) | |

^ Research Project elective can be taken in Semester 1 or 2

* 'Constrained' elective – students need to undertake one commercial law elective from a specified list

** Overload is subject to Faculty approval. Visit: <http://www.monash.edu.au/pubs/2015handbooks/undergrad/law-04.html> for information on the requirements.

*** We recommend that eligible students go on Law exchange in Semester 2, Year 3 or Semester 1, Year 4. Students interested in the Prato or Malaysia programs can attend these programs from the third year of study.

L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours) LLB(Hons)/BE(Hons) 2015 - Civil Engineering Specialisation

Bachelor of Laws (Honours) 17 common core units (102 credit points) + 9 elective units (54 credit points) including **one** commercial law elective and **one** research project unit = **Total of 156 points**

Bachelor of Engineering 26 units = **Total of 156 points**

Engineering course advice: www.eng.monash.edu.au/current-students/course-advice.html

Double degree – total credit points = 156 + 156 = 312 credit points

YEAR 1 48 credit points

| | | | | |
|-------|--|--|---|---|
| Sem 1 | LAW1111 Foundations of law | Foundation unit or Engineering elective | ENG1001 Engineering design: lighter, faster, stronger | ENG1003 Engineering mobile apps (6 points) |
| Sem 2 | LAW1112 Public law and statutory interpretation | ENG1060 Engineering computing | ENG1091 Mathematics for engineering | ENG1002 Engineering design: cleaner, safer, smarter |

YEAR 2 60 credit points

| | | | | | |
|-------|---------------------------|-----------------------|-------------------------------|---|--|
| Sem 1 | LAW1114 Criminal law 1 | LAW2101 Contract A | LAW2112 Property A | CIV2206 Mechanics of solids | ENG2091** Advanced engineering mathematics A |
| Sem 2 | LAW1113 Torts | LAW2102 Contract B | LAW2111 Constitutional law | CIV2207 Computing and water systems modelling | CIV2226** Design of concrete and masonry structures |

YEAR 3 48 credit points

| | | | | |
|-------|-----------------------------|-----------------------------|---------------------------|---|
| Sem 1 | LAW3112 Corporations law | LAW3111 Equity | CIV2263 Water systems | CIV2225 Design of steel and timber structures |
| Sem 2 | LAW3402 Property B | Commercial law elective* | CIV2242 Geomechanics 1 | CIV2282 Transport and traffic engineering |

YEAR 4 54 credit points

| | | | | | |
|-------|-------------------------------|-------------------|--------------|---|--|
| Sem 1 | Law elective | Law elective | Law elective | CHE3163 Sustainable processing 1 | CIV3221** Building structures and technology |
| Sem 2 | LAW4331 Administrative law | LAW4170 Trusts | Law elective | CIV3204 Engineering investigation | CIV3222** Bridge design and assessment |

YEAR 5 48 credit points

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|---|---|--|---|-------------------------------|
| 1 | Law elective | CIV3264 Urban water and waterway systems | CIV3248 Groundwater and environmental geomechanics | Civil engineering elective |
| 2 | LAW4303 Litigation and dispute resolution | LAW4309 Lawyers' ethics in practice | CIV3247 Geomechanics 2 | CIV3283 Road engineering |

YEAR 6 54 credit points

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|---|---|------------------|---------------------------------------|--|
| 1 | Law elective | LAW4323 Evidence | LAW4332 Criminal law & procedure 2 | CIV4210 Project A |
| 2 | [^] Law research project elective | Law elective | Civil engineering elective | CIV4212 Civil engineering practice 4 |

[^] Research Project elective can be taken in Semester 1 or 2

* 'Constrained' elective – students need to undertake one commercial law elective from a specified list

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours) (LLB(Hons)/BE(Hons)) 2015 Course Map - Electrical and Computer Systems Specialisation

Bachelor of Laws (Honours) 17 common core units (102 credit points) + 9 elective units (54 credit points) including **one** commercial law elective and **one** research project unit = **Total of 156 points**

Bachelor of Engineering 26 units = **Total of 156 points**

Engineering course advice: www.eng.monash.edu.au/current-students/course-advice.html

Double degree – total credit points = 156 + 156 = 312 credit points

YEAR 1 48 credit points

| | | | | |
|-------|--|--|---|---|
| Sem 1 | LAW1111 Foundations of law | Foundation unit or Engineering elective | ENG1002 Engineering design: cleaner, safer, smarter | ENG1003 Engineering mobile apps |
| Sem 2 | LAW1112 Public law and statutory interpretation | ENG1060 Engineering computing | ENG1091 Mathematics for engineering | ENG1001 Engineering design: lighter, faster, stronger (6 points) |

YEAR 2 60 credit points

| | | | | | |
|-------|---------------------------|-----------------------|-------------------------------|--|---------------------------------|
| Sem 1 | LAW1114 Criminal law 1 | LAW2101 Contract A | LAW2112 Property A | ECE2011 Signal processing | ECE2041** Telecommunications |
| Sem 2 | LAW1113 Torts | LAW2102 Contract B | LAW2111 Constitutional law | ENG2092 Advanced engineering maths B | ECE2021** Electromagnetism |

YEAR 3 48 credit points

| | | | | |
|-------|-----------------------------|-----------------------------|---------------------------------|---|
| Sem 1 | LAW3112 Corporations law | LAW3111 Equity | ECE2061 Analogue electronics | ECE2071 Computer organisation and programming |
| Sem 2 | LAW3402 Property B | Commercial law elective* | ECE2031 Circuits and control | ECE2072 Digital systems |

YEAR 4 54 credit points

| | | | | | |
|-------|-------------------------------|-------------------|--------------|---|--|
| Sem 1 | Law elective | Law elective | Law elective | ECE3093 Optimisation, estimation and numerical methods | ECE3073** Computer systems |
| Sem 2 | LAW4331 Administrative law | LAW4170 Trusts | Law elective | ECE3091 Engineering design | ECE3062** Electronic systems and control |

YEAR 5 48 credit points

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|---|---|--|---|------------------|
| 1 | Law elective | ECE3022 Wireless and guided EM | ECE4094 Project A | ECE4xxx elective |
| 2 | LAW4303 Litigation and dispute resolution | LAW4309 Lawyers' ethics in practice | ECE3051 Electrical energy systems | ECE4xxx elective |

YEAR 6 54 credit points

| | | | | |
|---|---|------------------|---------------------------------------|------------------|
| 1 | Law elective | LAW4323 Evidence | LAW4332 Criminal law & procedure 2 | ECE4xxx elective |
| 2 | [^] Law research project elective | Law elective | ECE4095 Project B | ECE4xxx elective |

[^] *Research Project elective can be taken in Semester 1 or 2*

* *'Constrained' elective – students need to undertake one commercial law elective from a specified list*

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours) (LLB(Hons)/BE(Hons)) 2015 Course Map - Mechanical Engineering Specialisation

Bachelor of Laws (Honours) 17 common core units (102 credit points) + 9 elective units (54 credit points) including **one** commercial law elective and **one** research project unit = **Total of 156 points**

Bachelor of Engineering 26 units = **Total of 156 points**

Engineering course advice: www.eng.monash.edu.au/current-students/course-advice.html

Double degree – total credit points = 156 + 156 = 312 credit points

YEAR 1 48 credit points

| | | | | |
|-------|--|--|---|--|
| Sem 1 | LAW1111 Foundations of law | Foundation unit or Engineering elective | ENG1001 Engineering design: lighter, faster, stronger | ENG1003 Engineering mobile apps |
| Sem 2 | LAW1112 Public law and statutory interpretation | ENG1060 Engineering computing | ENG1091 Mathematics for engineering | ENG1002 Engineering design: cleaner, safer, smarter (6 points) |

YEAR 2 60 credit points

| | | | | | |
|-------|---------------------------|-----------------------|-------------------------------|--------------------------------|---|
| Sem 1 | LAW1114 Criminal law 1 | LAW2101 Contract A | LAW2112 Property A | MEC2401 Dynamics I | ENG2091** Advanced engineering mathematics A |
| Sem 2 | LAW1113 Torts | LAW2102 Contract B | LAW2111 Constitutional law | MEC2404 Mechanics of fluids | MEC2405** Thermodynamics |

YEAR 3 48 credit points

| | | | | |
|-------|-----------------------------|-----------------------------|-------------------------------|---|
| Sem 1 | LAW3112 Corporations law | LAW3111 Equity | MEC2402 Engineering design | MEC2403 Mechanics of materials |
| Sem 2 | LAW3402 Property B | Commercial law elective* | MEC2407 Electromechanics | MEC2456 Engineering computational analysis |

YEAR 4 54 credit points

| | | | | | |
|-------|-------------------------------|-------------------|--------------|----------------------------------|-------------------------------------|
| Sem 1 | Law elective | Law elective | Law elective | MEC3451 Fluid mechanics II | MEC3453** Dynamics II |
| Sem 2 | LAW4331 Administrative law | LAW4170 Trusts | Law elective | MEC3416 Engineering design II | MEC3457** Systems and control |

YEAR 5 48 credit points

| | | | | |
|---|---|--|---------------------------------|---|
| 1 | Law elective | MEC3454 Thermodynamics and heat transfer | MEC3455 Solid mechanics | Mechanical eng elective |
| 2 | LAW4303 Litigation and dispute resolution | LAW4309 Lawyers' ethics in practice | MEC3458 Experimental project | MEC3459 Materials selection for engineering design |

YEAR 6 54 credit points

| | | | | |
|---|-----------------------------------|---------------------|---------------------------------------|-------------------------------|
| 1 | Law elective | LAW4323 Evidence | LAW4332 Criminal law & procedure 2 | MEC4401 Final year project |
| 2 | ^Law research project elective | Law elective | MEC4407 Engineering design III | Mechanical eng elective |

^ Research Project elective can be taken in Semester 1 or 2

* 'Constrained' elective – students need to undertake one commercial law elective from a specified list** Overload is subject to Faculty approval. Visit: <http://www.monash.edu.au/pubs/2015handbooks/undergrad/law-04.html> for information on the requirements.

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L3002 Bachelor of Laws (Honours) and Bachelor of Engineering (Honours) (LLB(Hons)/BE(Hons)) 2015 Course Map - Materials Engineering Specialisation

Bachelor of Laws (Honours) 17 common core units (102 credit points) + 9 elective units (54 credit points) including **one** commercial law elective and **one** research project unit = **Total of 156 points**

Bachelor of Engineering 26 units = **Total of 156 points**

Engineering course advice: www.eng.monash.edu.au/current-students/course-advice.html

Double degree – total credit points = 156 + 156 = 312 credit points

YEAR 1 48 credit points

| | | | | |
|-------|--|--|---|--|
| Sem 1 | LAW1111 Foundations of law | Foundation unit or Engineering elective | ENG1001 Engineering design: lighter, faster, stronger | ENG1003 Engineering mobile apps |
| Sem 2 | LAW1112 Public law and statutory interpretation | ENG1060 Engineering computing | ENG1091 Mathematics for engineering | ENG1002 Engineering design: cleaner, safer, smarter (6 points) |

YEAR 2 60 credit points

| | | | | | |
|-------|-------------------------|-----------------------|-------------------------------|--|---|
| Sem 1 | LAW1114 Criminal law | LAW2101 Contract A | LAW2112 Property A | MTE2541 Crystal structures, thermodynamics and phase equilibria | ENG2091** Advanced engineering mathematics A |
| Sem 2 | LAW1113 Torts | LAW2102 Contract B | LAW2111 Constitutional law | MTE2542 Microstructural development | MTE2545** Polymers and ceramics I |

YEAR 3 48 credit points

| | | | | |
|-------|-----------------------------|-----------------------------|--|---------------------------------|
| Sem 1 | LAW3112 Corporations law | LAW3111 Equity | MTE2546 Mechanics of materials | MTE2544 Functional materials |
| Sem 2 | LAW3402 Property B | Commercial law elective* | MTE2547 Structure property relationships in materials | MTE2548 Biomaterials I |

YEAR 4 54 credit points

| | | | | | |
|-------|-------------------------------|-------------------|--------------|--|--|
| Sem 1 | Law elective | Law elective | Law elective | MTE3541 Materials durability | MTE3544** Management and practice in materials engineering |
| Sem 2 | LAW4331 Administrative law | LAW4170 Trusts | Law elective | MTE3545 Functional materials and devices | MTE3546** Polymers and ceramics II |

YEAR 5 48 credit points

| | | | | |
|-------|---|--|---|--|
| Sem 1 | Law elective | MTE3542 Microstructural design in structural materials | MTE3543 Microstructure to applications: The mechanics of materials | MTE4571 Materials engineering design and practice |
| Sem 2 | LAW4303 Litigation and dispute resolution | LAW4309 Lawyers' ethics in practice | MTE3547 Materials characterisation and modelling | MTE4573 Processing and engineering of metals and ceramics |

YEAR 6 54 credit points

| | | | | | |
|-------|---|---------------------|---|---|--|
| Sem 1 | Law elective | LAW4323 Evidence | LAW4332 Criminal law & procedure | MTE4525 Materials engineering project I | MTE4572** Polymer and composite processing and engineering |
| Sem 2 | [^] Law research project elective | Law elective | MTE4526 Materials engineering project II | | |

[^] Research Project elective can be taken in Semester 1 or 2

* 'Constrained' elective – students need to undertake one commercial law elective from a specified list

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