

Students are required to complete 12 UoC of free electives. These can be used to take Engineering or non-engineering courses.

Where students meet all the requirements for both degrees in less than 240 UoC, students must complete additional elective courses to bring the total to 240 UoC. These electives must be taken from the Faculty of Engineering. This has been factored in to the below plan.

Within the 3706 specialisations, there are 18 UoC of common core courses for Lvl 1 and 2 (36 UoC total). This has been factored in to the below plan with the additional elective requirement. If students choose to take independent core subjects within the 3706 specialisations, the elective configuration will be different than the below outline. The list of subjects can be found in the handbook.

Due to the 36 UoC of common courses within these specialisations, the below plan has been designed to add up to the total program UoC of 240.

If students opt to take COMP1911 or COMP1511, the elective requirements in the 3706 specialisation will differ as only ENGG1811 is an available core subject for CVENJ1.

Students who take CVEN4951 or CVEN4961 must take CVEN4701 as one of their discipline electives.

*Note: School approval is required to take the alternative thesis options CVEN4951/4952/4953 or CVEN4961/4962/4963*

| Course   | UoC        | Specialisation | Complete? | Notes |
|--|------------|----------------|-----------|-------|
| <b>Engineering Honours (3707) Specialisation</b> |            |                |           |       |
| <b>CVENBH</b>                                    |            |                |           |       |
| <b>Core Courses</b>                              |            |                |           |       |
| DESN1000   | 6          | CVENJ1         |           |       |
| ENGG1811 or COMP1911 or COMP1511                 | 6          | CVENJ1         |           |       |
| MATH1131 or MATH1141                             | 6          | CVENJ1         |           |       |
| MATH1231 or MATH1241                             | 6          | CVENJ1         |           |       |
| PHYS1121 or PHYS1131                             | 6          | CVENJ1         |           |       |
| BIOS1301   | 6          |                |           |       |
| CHEM1011 or CHEM1811                             | 6          |                |           |       |
| CVEN1701   | 6          |                |           |       |
| MATH2018 or MATH2019                             | 6          | CVENJ1         |           |       |
| CVEN2701   | 6          |                |           |       |
| CVEN2002 or MATH2089                             | 6          | CVENJ1         |           |       |
| CEIC2009   | 6          |                |           |       |
| ENGG2500   | 6          |                |           |       |
| DESN2000   | 6          | CVENJ1         |           |       |
| CVEN3202   | 6          |                |           |       |
| CVEN3701   | 6          |                |           |       |
| CVEN3702   | 6          |                |           |       |
| CVEN3101   | 6          |                |           |       |
| CVEN3203   | 6          |                |           |       |
| CVEN3402   | 6          |                |           |       |
| CVEN3501   | 6          |                |           |       |
| CVEN3502   | 6          |                |           |       |
| CVEN4701   | 6          |                |           |       |
| <b>Thesis Component</b>                          |            |                |           |       |
| (CVEN4050 and CVEN4051)                          | 6          |                |           |       |
| (CVEN4050 and CVEN4051)                          | 6          |                |           |       |
| <b>OR</b>  |            |                |           |       |
| (CVEN4951 and CVEN4952 and CVEN4953)             | 4          |                |           |       |
| (CVEN4951 and CVEN4952 and CVEN4953)             | 4          |                |           |       |
| (CVEN4951 and CVEN4952 and CVEN4953)             | 4          |                |           |       |
| <b>OR</b>  |            |                |           |       |
| <b>Higher Honours Research Thesis</b>            |            |                |           |       |
| CVEN4961 and CVEN4962 and CVEN4963               | 6          |                |           |       |
| CVEN4961 and CVEN4962 and CVEN4963               | 6          |                |           |       |
| CVEN4963   | 12         |                |           |       |
| <b>Stream Elective Requirements</b>              |            |                |           |       |
| Discipline Elective/Practice Elective            | 6          |                |           |       |
| Discipline Elective/Practice Elective            | 6          |                |           |       |
| Discipline Elective                              | 6          |                |           |       |
| Industrial Training (60 days)                    |            |                |           |       |
| <b>UoC Sub Total</b>                             | <b>168</b> |                |           |       |

| Course   | UoC       | Complete? | Notes |
|--|-----------|-----------|-------|
| <b>Engineering Science (3706) Specialisation</b>   |           |           |       |
| <b>CVENJ1</b>  |           |           |       |
| <b>Lvl 1 &amp; 2 core requirements are fulfilled by the core courses taken in CVENBH</b> |           |           |       |
| Lvl 1 Core   | 18 UoC    |           |       |
| Lvl 2 Core   | 18 UoC    |           |       |
| <b>Level 3 &amp; 4 Prescribed Electives</b>  |           |           |       |
| Prescribed Elective  | 6         |           |       |
| Prescribed Elective  | 6         |           |       |
| Prescribed Elective  | 6         |           |       |
| Prescribed Elective  | 6         |           |       |
| <b>Additional Electives</b>  |           |           |       |
| Additional Elective  | 6         |           |       |
| Additional Elective  | 6         |           |       |
| Additional Elective  | 6         |           |       |
| Additional Elective  | 6         |           |       |
| Additional Elective  | 6         |           |       |
| Additional Elective  | 6         |           |       |
| <b>UoC Subtotal</b>  | <b>96</b> |           |       |
| <b>AND</b>   |           |           |       |
| <b>Additional Program Requirements</b>   |           |           |       |
| <b>Free Elective Requirement</b>   |           |           |       |
| Free Elective  | 6         |           |       |
| Free Elective  | 6         |           |       |
| <b>UoC Subtotal</b>  | <b>12</b> |           |       |