

## Bachelor Engineering (Hons) / Computer Science 3785 - Environmental Eng - CVENBH - T1 2026 Start

**Program:** Engineering (Hons) / Comp Sci [3785]

### Year 1 Term 1

Course or Activity	Prerequisites	Credits
BIOS1301 Ecology, Sustainability and Environmental Science		6
DESN1000 Introduction to Engineering Design and Innovation		6

### Year 1 Term 2

Course or Activity	Prerequisites	Credits
<i>MATH1131 or MATH1141</i>		6
<i>PHYS1121 or PHYS1131</i>		6
<i>CHEM1011 or CHEM1811</i>		6

### Year 1 Term 3

Course or Activity	Prerequisites	Credits
COMP1511 Programming Fundamentals		6
CVEN1701 Climate Change and Environmental Sustainability		6
<i>MATH1231 or MATH1241</i>		6

### Year 2 Term 1

Course or Activity	Prerequisites	Credits
COMP1531 Software Engineering Fundamentals	COMP1511	6
ENGG2500 Fluid Mechanics for Engineers		6
<i>MATH2018 or MATH2019</i>		6

### Year 2 Term 2

Course or Activity	Prerequisites	Credits
CVEN2002 Civil and Environmental Engineering Computations		6
CVEN2701 Water and Atmospheric Chemistry		6
DESN2000 Engineering Design and Professional Practice	COMP2521, DESN1000, COMP1511	6

### Year 2 Term 3

Course or Activity	Prerequisites	Credits
<i>COMP1521</i>		6

<i>Discipline Electives</i>		6
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### Year 3 Term 1

Course or Activity	Prerequisites	Credits
COMP2521 Data Structures and Algorithms	COMP1511	6
<i>Discipline Electives</i>		6

### Year 3 Term 2

Course or Activity	Prerequisites	Credits
COMP2511 Object-Oriented Design and Programming	COMP2521, COMP1531	6
<i>Computing Electives</i>		6
<i>Discipline Electives</i>		6

### Year 3 Term 3

Course or Activity	Prerequisites	Credits
CEIC2009 Material and Energy Balances in the Chemical Process Industry		6
CVEN3202 Soil Mechanics		6
<i>Computing Electives</i>		6

### Year 4 Term 1

Course or Activity	Prerequisites	Credits
CVEN3203 Applied Geotechnics and Engineering Geology	CVEN3202	6
CVEN3501 Water Resources Engineering		6
CVEN3701 Environmental Frameworks, Law and Economics		6

### Year 4 Term 2

Course or Activity	Prerequisites	Credits
CVEN3402 Transport Engineering and Environmental Sustainability		6
CVEN3502 Water and Wastewater Engineering	ENGG2500	6
<i>COMP3121 or COMP3821</i>		6

### Year 4 Term 3

Course or Activity	Prerequisites	Credits
CVEN3101 Engineering Operations and Control		6
CVEN3702 Waste Management		6

### Year 5 Term 1

Course or Activity	Prerequisites	Credits
COMP3900 Computer Science Project	COMP2521, COMP1531	6
CVEN4050 Thesis A		6
<i>Computing Electives</i>		6

### Year 5 Term 2

Course or Activity	Prerequisites	Credits
CVEN4051 Thesis B	CVEN4050	6
CVEN4701 Planning Sustainable Infrastructure		6

### Year 5 Term 3

Course or Activity	Prerequisites	Credits
COMP4920 Professional Issues and Ethics in Information Technology		6
ENGG4999 Industrial Training		0
<i>Computing Electives</i>		6
<i>Computing Electives</i>		6