UNSW
SYDNEY

Bachelor Engineering (Hons) / Computer Science 3785 - Envrionmental Eng - CVENBH - T2 2026 Start

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

Year 1 Term 2

Course or Activity	Prerequisites	Credits
COMP1511 Programming Fundamentals		6
MATH1131 or MATH1141		6
PHYS1121 or PHYS1131		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
CVEN1701 Climate Change and Environmental Sustainability		6
DESN1000 Introduction to Engineering Design and Innovation		6
MATH1231 or MATH1241		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
BIOS1301 Ecology, Sustainability and Environmental Science		6
CHEM1011 or CHEM1811		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
CEIC2009 Material and Energy Balances in the Chemical Process Industry		6
ENGG2500 Fluid Mechanics for Engineers		6
COMP1521		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
COMP1531 Software Engineering Fundamentals	COMP1511	6

Course or Activity	Prerequisites	Credits
MATH2018 or MATH2019		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
COMP2521 Data Structures and Algorithms	COMP1511	6
Discipline Electives		6
Discipline Electives		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
COMP2511 Object-Oriented Design and Programming	COMP2521, COMP1531	6
CVEN3101 Engineering Operations and Control		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
CVEN3501 Water Resources Engineering		6
COMP3121 or COMP3821		6
Computing Electives		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
CVEN3402 Transport Engineering and Environmental Sustainability		6
CVEN3502 Water and Wastewater Engineering	ENGG2500	6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
CVEN3202 Soil Mechanics		6
CVEN3702 Waste Management		6
Computing Electives		6

Year 5 Term 1

Course or Activity	Prerequisites	Credits
CVEN3203 Applied Geotechnics and Engineering Geology	CVEN3202	6
CVEN3701 Environmental Frameworks, Law and Economics		6
CVEN4050 Thesis A		6

Year 5 Term 2

Course or Activity	Prerequisites	Credits
COMP3900 Computer Science Project	COMP2521, COMP1531	6
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
Computing Electives		6
Computing Electives		6

Year 6 Term 1

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
Computing Electives		6
Discipline Electives		6