Engineering

Bachelor of Engineering (Honours) (3707)

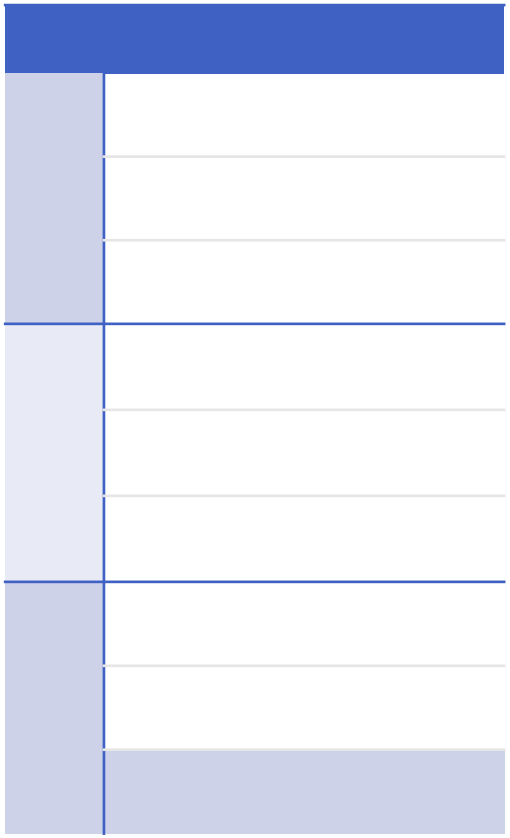
Bioinformatics Engineering (BINFAH)

T1 Entry 2025 Sample Plan

Term 1	Fundamentals of Physics OR Physics 1A OR Higher Physics 1A	Software Engineering Fundamentals	Algorithms and Programming Techniques	Research Thesis A (4 UoC)
	Engineering Design and Innovation	Data Structures and Algorithms	Molecular Biology of Nucleic Acids	Database Systems
	Mathematics 1A OR Higher Mathematics 1A	Chemistry 1A OR (Higher) Chemistry 1A	Software Construction Techniques and Tools	
Term 2	Mathematics 1B OR Higher Mathematics 1B	Engineering Design & Professional Practice	Theory of Statistics OR Higher Theory of Statistics	Research Thesis B (4 UoC)
	Programming Fundamentals	Molecular Cell Biology 1 OR Principles of Biochemistry (Advanced)	Applied Bioinformatics	
	Discrete Mathematics			
Term 3	Computer Systems Fundamentals	Introduction to Bioinformatics	Computational Bioinformatics	Research Thesis C (4 UoC)
	Molecules, Cells and Genes	Principles of Molecular Biology (Advanced)		Professional Issues and Ethics in Information Technology
		Object-Oriented Design and Programming		

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

Engineering



Engineering

Term 3	Programming Fundamentals
	Engineering Design and Innovation
	Molecules, Cells and Genes
Term 1	Mathematics 1A OR Higher Mathematics 1A
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