

Bachelor of Engineering Honours (Civil Engineering)		
CODE	SUBJECT	CREDITS
Semester 5		
CIVL3612	Fluid Mechanics	6
CIVL3205	Concrete Structures 1	6
ENGP2002	Professional Engagement Program 2B	0
	Civil Stream Electives	6
CIVL2700	Transport Systems	6
Semester 6		
CIVL3811	Engineering Design and Construction	6
CIVL3206	Steel Structures 1	6
ENGG3112	Interdisciplinary Engineering	6
	Civil Stream Electives	6
	Professional Engagement Program 2C	0
Semester 7		
CIVL4903	Civil Engineering Design	6
CIVL4022	Thesis A	6
ENGP3001	Professional Engagement Program 3A	0
CIVL3705	Transport Design: Sustainable and Safe Acces	6
	Civil Stream Electives	6
Semester 8		
CIVL4023	Thesis B	6
	Civil Stream Electives	6
ENGP3002	Professional Engagement Program 3B	0
	Civil Stream Electives	6
	Select From Civil Stream Electives Free Electives	6

Bachelor of Engineering Honours (Mechanical Engineering)		
CODE	SUBJECT	CREDITS
Semester 5		
AMME3500	System Dynamics and Control	6
ENGP2002	Professional Engagement Program 2B	0
MECH3362	Engineering Materials for Adv Manufacturing	6
MECH3261	Fluid Mechanics 2	6
ENGG3112	Interdisciplinary Engineering	6
Semester 6		
MECH3260	Thermal Engineering and Environment	6
MECH3361	Mechanics of Solid 2	6
MECH3460	Mechanical Systems Design 2	6
AMME3060	Engineering Methods	6
ENGP2003	Professional Engagement Program 2C	0

Semester 7		
AMME4111	Thesis A	6
ENGP3001	Professional Engagement Program 3A	0
	Select from Mechanical Stream Electives Units Free Electives	6
	Select from Mechanical Stream Electives Units Free Electives	6
	Select from Mechanical Stream Electives Units Free Electives	6
Semester 8		
AMME4112	Thesis B	6
	Mechanical Stream Electives Units	6
	Mechanical Stream Electives Units	6
ENGP3002	Professional Engagement Program 3B	0
	Select from Mechanical Stream Electives Units Free Electives	6

Bachelor of Engineering Honours (Electrical Engineering)		
CODE	SUBJECT	CREDITS
Semester 5		
ENGP2002	Professional Engagement Program 2B	0
ENGG2112	Multi-disciplinary Engineering	6
ELECT3203	Electricity Networks	6
ELEC3305	Digital Signal Processing	6
	Select from Electrical Stream Electives Units Free Electives	6
Semester 6		
	Electrical Stream Electives	6
ENGP2003	Professional Engagement Program 2C	0
ELEC3506	Communications Networks	6
ELEC3304	Control	6
	Select from Electrical Stream Electives Units Free Electives	6
Semester 7		
	Electrical Stream Electives	6
ENGP3001	Professional Engagement Program 3A	0
ELEC4712	Thesis A	6
ENGG3112	Interdisciplinary Engineering	6

	Select from Electrical Stream Electives Units Free Electives	6
Semester 8		
	Electrical Stream Electives	6
	Electrical Stream Electives	6
ELEC4713	Thesis B	6
	Electrical Stream Electives	6
ENGP3002	Professional Engagement Program 3B	0

Bachelor of Engineering Honours (Chemical and Biomolecular Engineering)		
CODE	SUBJECT	CREDITS
Semester 5		
CHNG3803	Reaction Engineering	6
CHNG3802	Process Dynamics and Control	6
CHNG3805	Particle Processing	6
ENGP2003	Professional Engagement Program 2B	0
ENGG3112	Interdisciplinary Engineering	6
Semester 6		
CHNG3804	Biochemical Engineering	6
CHNG3806	Risk Management for Chemical Engineering	6
CHNG3801	Process Plant Design	6
ENGP2003	Professional Engagement Program 2C	0
	CBE Stream Elective Units	6
Semester 7		
CHNG4802	Chemical Engineering Design A	6
ENGP3001	Professional Engagement Program 3A	0
CHNG4811	Thesis A	6
	Select from CBE Stream Elective Units or other Units	12
Semester 8		
CHNG4806	Chemical Engineering Design B	6
CHNG4812	Thesis B	6
ENGP3002	Professional Engagement Program 3B	0
	Select from CBE Stream Elective Units or Other Units	6
	Select from CBE Stream Elective Units CBE Data Science Elective Units Free Electives	6