

400L FIRST SEMESTER

		3
PHY 401	Quantum Mechanics I	3
PHY 403	Nuclear and Particle Physics I	3
PHY 405	Electrodynamics	3
PHY 413	Electronics II	1
PHY421	Advanced Experimental Physics III	2
SIW300	Student Industrial Work Experience Scheme	1
PHY 425	Research Methods	

ELECTIVE Students must register at least one elective course

		3
PHY 407	Solid State Physics II	3
PHY 417	Introduction to Applied Geophysics	2
PHY 419	Biophysics	

400L SECOND SEMESTER

		3
PHY 402	Quantum Mechanics II	3
PHY 406	Mathematical Methods in Physics III	3
PHY 412	Computational Physics	6
PHY 422	Student Project	15

ELECTIVE	Students must register at least 4 unit elective course	
PHY 410	Nuclear and Particle Physics II	3
PHY 416	Atomic and Molecular Spectroscopy	2
PHY 418	Introduction to Telecommunication Systems	3
PHY 420	Introductory Plasma Physics	2
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