

Suggested 300-level course plans for Physics major and Honours entry

640-3xx				Honours entry					Physics major †		Mathematical
Semester	Code	Subject Name	Points	Overload 1	Overload 2	Option 1	Option 2	Maths co-major ††	Option 1	Option 2	Physics †
1	640-321/341*	Quantum Mechanics	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
1	640-322/342*	Thermal Physics	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
1	640-351	Astrophysics and Optics III	12.5	12.5	12.5						
1	640-356	Theoretical Methods for Physics	12.5	12.5	12.5	12.5					
1	640-393*	Laboratory Work	12.5	12.5	12.5	12.5	12.5			12.5	
1		Approved mathematics units						25#			12.5
1		Other physics or other subjects					12.5		25	25	12.5
2	640-323/343*	Electrodynamics	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
2	640-353*	Atomic, molecular and solid state physics	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
2	640-354	Nuclear and particle physics	12.5	12.5	12.5						
2	640-364	Computational physics	12.5	12.5		12.5					
2	640-394*	Laboratory Work	12.5	12.5	12.5	12.5	12.5		12.5		
2		Approved mathematics units						25§			12.5
2		Other physics or other subjects					12.5		25	25	37.5
Y	640-310	Seminar**	0	0	0	0	0	0	0	0	0
Total points for year				125	112.5	100	100	100	100	100	100

* These are core subjects

** Students enrolled in 50 points or more of 300 level physics must take this unit.

Honours entry and Physics Major Courses are accredited by the Australian Institute of physics
Note: various combinations of non-core units can be taken

†† App.Maths or Pure Maths co-major
In order to satisfy the entry requirements for physics Honours, students must complete the core lecture units and either 25 points of 300-level physics laboratory work or 50 points of the mathematics subjects listed at below.

Two of 620-311, 620-321, 620-331, 620-34

§ Two of 620-312, 620-322, 620-332, 620-34

† These course plans do not permit entry to Physics Honours
Note that other combinations are possible and more physics can be included.