

**Suggested course plan for students enrolled in BSc/LLB combined course  
leading to a Physics and entry to Physics Honours**

Year 1	BSc/LLB [200 science points]	1st year of course		BSc/LLB¶
Semester	Code	Subject Name	Points	
1	640-121/141**	Physics A	12.5	12.5
1	620-111/121/141	Mathematics A [for 141, Sem 1 or 2]	12.5	12.5
1		Law subjects		25
2	640-122/142**	Physics B	12.5	12.5
2	620-112/122/142	Mathematics B [for 142,122, Sem 1 or 2]	12.5	12.5
2		Law subjects		25
<b>Total Science points for year</b>				<b>50</b>

Year 2		2nd year of course		
Semester	Code	Subject Name	Points	
1	640-223/243**	Quantum Mechanics and Thermal Physics	12.5	12.5
1	620-113/123/143	Applied Maths [for 143, Sem 1 or 2 or Summer]	12.5	12.5
1		Law subjects		25
2	620-231/233	Vector analysis	12.5	12.5
2	620-232/234	Mathematical methods	12.5	12.5
2		Law subjects		25
<b>Total Science points for year</b>				<b>50</b>

Year 3		3rd year of course		Points	
1	640-321/341**	Quantum Mechanics	12.5	12.5	
1	640-322/342*	Thermal Physics	12.5	12.5	
1		Law subjects		25	
2	640-225/245**	Electromagnetism and Relativity	12.5	12.5	
2	640-299**	Laboratory work	12.5	12.5	
2		Law subjects		25	
Y	640-310***	Seminar	0	0	
<b>Total Science points for year</b>				<b>50</b>	

Year 4		4th year of course		Points	
1	640-393*	Physics laboratory work	12.5	12.5	
1		Physics 200-level option[237/251; or 234=Sem	12.5	12.5	
1		Law subjects		25	
2	640-323/343*	Electrodynamics	12.5	12.5	
2	640-353	Atomic, molecular and solid state physics	12.5	12.5	
2	640-394*	Physics laboratory work	12.5	12.5	
2		Law subjects		25	
<b>Total Science points for year</b>				<b>62.5</b>	

Year 5		5th year of course		
		Law subjects		
<b>Total Science points for year</b>				<b>0</b>

\* Completion of these subjects and those marked \*\* is essential in order to proceed to Physics Honours

\*\* Completion of these subjects is essential to proceed to a major in Physics. See other requirements.

\*\*\* Students intending to take 50 points or more of 300-level physics must take this subject

**NB: Students not wishing to enter Physics Honours have a greater choice of 300-level physics subjects.**

**For more details consult the Physics course planning document**

¶ This scheme (for the first four years) is broadly applicable to BSc/LLB, BAsC and other combined courses where the science points are expected to be evenly distributed for 50 points over each of four years.