

**Study Plan for Diploma in Physics**

Year	Course Code	Course Name	Pre-requisites	Credit Hours	Course Code	Course Name	Pre-requisites	Credit Hours
<b>Semester One (Pre-Major)</b>					<b>Semester Two</b>			
1	ARAB100	Arabic Language I		3	ARAB101	Arabic Language II	ARAB100	3
	ENGL150	English Language I		3	ENGL152	English Language II	ENGL150	3
	HIST150	Islamic Civilization		3	STAT101	Intr. to Statistics		4
	COMP101/L	Computer Skills	Comp A/B, Digital Literacy	3	PHYS101/L	General Physics I	MATH116	4
	MATH116	Pre-Calculus		4	MATH211	Calculus I	MATH116	4
<b>Semester Total</b>				<b>16</b>	<b>Semester Total</b>			
					<b>18</b>			
<b>Semester Three</b>					<b>Semester Four</b>			
2	ENGL155	Communication Skills	ENGL152	3	PHYS204/L	Modern Physics	PHYS150/L	4
	COMP 151/L	Intr. to Algorithms	COMP101/L	4	MATH215	Ordinary Differential Equations	MATH212	3
	MATH212	Calculus II	MATH211	3	PHYS207/L	Thermodynamics	MATH211	4
	PHYS220	Intr. Laser Science	PHYS204/L	3				
	PHYS 150/L	General Physics II	PHYS101/L	4				
<b>Semester Total</b>				<b>17</b>	<b>Semester Total</b>			
					<b>11</b>			
<b>Semester Five</b>								
3	PHYS256	Electromagnetism & Applications 1	PHYS150/L MATH215 (co-req)	3				
	PHYS205	Exp. Methods in Electronics	PHYS150/L	3				
	PHYS260/L	Sound and Optics	PHYS101/L	4				
<b>Semester Total</b>				<b>10</b>				
<b>Grand Total: 72</b>								