

- The Study Plan**

First Year											
Level 1						Level 2					
Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite	Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite
0824101	General Physics1	3				19xxxxx	University Elective-Table 1	2			
0824111	General Physics1 Lab			1		7402102	Arabic editing	2			
1900101	Islamic Creed and doctrines	2				0825101	General Chemistry1	3			
7402103	Literary Appreciation	2				0825111	General Chemistry Lab1			1	
0827101	Calculus 1	3	1			0827103	Introduction to statistics	3	1		
0827102	Introduction to Computer Sciences	3				0826101	General Biology	3			
0827112	Introduction to Computer Sciences Lab			1		0826111	General Biology Lab			1	
	<b>Total Credits</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>16</b>		<b>Total Credits</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>16</b>
Second Year											
Level 3						Level 4					
Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite	Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite
0824202	General Physics2	3			0824101	0824204	Waves	3			0824201
0824212	General Physics 2 Lab			1		0827205	Calculus 3	3	1		0827202
0827202	Calculus 2	3	1		0827101	0824205	Modern Physics	3			0824203
0824201	Mathematical Physics 1	3			0827101	0824206	Optics	3			0824203
0824203	General Physics 3	3				0827204	Linear Algebra 1	2	1		
0824213	General Physics 3 Lab			1		1900102	Islamic Culture	2			
19xxxxx	University Elective-Table 1	2					<b>Total Credits</b>	<b>16</b>	<b>2</b>		<b>18</b>
	<b>Total Credits</b>	<b>14</b>	<b>1</b>	<b>2</b>	<b>17</b>						

**Third Year**

Level 5						Level 6					
Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite	Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite
0824302	Classical Mechanics	3			0824201 0827202	0824304	Electromagnetism 2	3			0824303
0824303	Electromagnetism 1	3			0824201 0827202	0824306	Electronics 2	3			0824305
0824305	Electronics 1	3			0824201	0824316	Electronics 2 Lab			2	0824305
0827304	Ordinary Differential Equations	3			0827202	0824307	Quantum Mechanics 1	3			0824301
0824301	Mathematical Physics2	3			0824201 0827202	082xxxxx	College Elective- Table 2	3			
	<b>Total Credits</b>	<b>15</b>			<b>15</b>		<b>Total Credits</b>	<b>12</b>		<b>2</b>	<b>14</b>

**0824399-Summer Training - 3 Credits (Prerequisite Gained 79 Credits)**

**Fourth Year**

Level 7						Level 8					
Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite	Course No.	Course Name	Theory	Tutorial	Lab	Prerequisite
0824401	Thermal and Statistical Physics	3			0824103 0824307	0824403	Solid state 2	3			0824402
0824402	Solid State 1	3			0824307	0824xxxx	Department Elective 1- Table 3	3			
0824407	Quantum Mechanics 2	3			0824307	0824xxxx	Department Elective 2- Table 3	3			
0824411	Modern physics Lab			2	0824307 0824205	0824412	Solid State Physics Lab			2	0824402
0824404	Nuclear Physics	3			0824307 0824205	0824xxxx	Department Elective 3- Table 3	3			
0824405	Research Project	2			Gained 96 Credits						
	<b>Total Credits</b>	<b>14</b>		<b>2</b>	<b>16</b>		<b>Total Credits</b>	<b>12</b>		<b>2</b>	<b>14</b>