

## Study Plan for Bachelor of Laboratory Program

### First year (first semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
			<u>Contact hours</u>	
<u>Faculty</u>	<u>1.Arabic language</u>	<u>2</u>	<u>2</u>	—
	<u>2.English language</u>	<u>3</u>	<u>3</u>	—
	<u>3.Islamic Culture</u>	<u>2</u>	<u>2</u>	—
	<u>4.Computer skill</u>	<u>2</u>	<u>1</u>	<u>2</u>
<u>Basic</u>	<u>5. Communication Skills</u>	<u>2</u>	<u>1</u>	<u>2</u>
	<u>6. Human Biology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>7. General &amp; Organic Chemistry</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>17</u>	<u>13</u>	<u>8</u>

### First year (second semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
			<u>Contact hours</u>	
<u>Basic</u>	<u>1. Medical English and Terminology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. Analytical Chemistry</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3. Human Anatomy &amp; Histology</u>	<u>5</u>	<u>4</u>	<u>2</u>
	<u>4. Human Physiology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Genetics &amp; molecular biology</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>17</u>	<u>12</u>	<u>10</u>

## Study Plan for Bachelor of Laboratory Program

### Second year (first semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/se minar</u>
			<u>Contact hours</u>	
م	<u>1. Medical immunology &amp; Serology</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Core</u>	<u>2. Biochemistry I</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3. Medical Parasitology 1</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4. Medical Lab. Technology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Bacteriology I</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>15</u>	<u>10</u>	<u>10</u>

### Second year ( second semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/semi nar</u>
			<u>Contact hours</u>	
<u>Core</u>	<u>1. Biochemistry II</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. Bacteriology II</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3. Medical Parasitology II</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4. Medical Hematology I</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Pathology</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>15</u>	<u>10</u>	<u>10</u>

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### Third year (first semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
			<u>Contact hours</u>	
<u>Core</u>	<u>1. Clinical chemistry I</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. . Medical Mycovirology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3 Medical Hematology II</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4. Toxicology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Public Health I</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>18</u>	<u>10</u>	<u>10</u>

### Third year (Second semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
			<u>Contact hours</u>	
<u>Core</u>	<u>1. Medical Hematology III</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. Blood Bank</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3 Clinical chemistry II</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4. . Laboratory Management &amp; Quality Control</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Body fluid</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6. Public Health II</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>Total</u>		<u>18</u>	<u>12</u>	<u>12</u>

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### Fourth year (first semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
			<u>Contact hours</u>	
<b>Core</b>	<u>1. Diagnostic Hematology</u>	<u>3</u>	<u>1</u>	<u>4</u>
	<u>2. Diagnostic Bacteriology</u>	<u>2</u>	-	<u>4</u>
	<u>3. Diagnostic Parasitology</u>	<u>3</u>	<u>1</u>	<u>4</u>
	<u>4. Research Methodology</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Field training in Histo pathology technique</u>	<u>2</u>	-	<u>4</u>
	<u>6. Field Training in Bacteriology</u>	<u>3</u>	<u>1</u>	<u>4</u>
<b><u>Total</u></b>		<b><u>16</u></b>	<b><u>5</u></b>	<b><u>22</u></b>

### Fourth year (Second semester )

<u>Type</u>	<u>Subject</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical</u>
<b>Core</b>	<u>1. Field Training in Immunology &amp; serology</u>	<u>2</u>	-	<u>4</u>
	<u>2. Field Training in clinical chemistry</u>	<u>2</u>	-	<u>4</u>
	<u>3. Field Training in parasitology</u>	<u>2</u>	-	<u>4</u>
	<u>4. Field training in hematology</u>	<u>2</u>	-	<u>4</u>
	<u>5. field training in Blood Bank</u>	<u>2</u>	-	<u>4</u>
	<u>6. Graduation Research Project</u>	<u>8</u>		
<b><u>Total</u></b>		<b><u>18</u></b>	-	<b><u>20</u></b>