

**CALENDAR LESSONS I SEMESTER I YEAR****COURSE: CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY – 2023-24**

<b>WEEK DAY</b>	<b>DATE</b>	<b>TIME</b>	<b>PROF.</b>	<b>SUBJECT</b>
Friday	1 December	16-18	Vallone	Structure of the atom-isotopes
Tuesday	5 December	14-16	Vallone	Aufbau-orbitals-periodic table
Wednesday	6 December	17-19	Vallone	Hybridization and chemical bond Inorganic compounds
Thursday	7 December	17-19	Vallone	Gas laws
Tuesday	12 December	14-16	Vallone	Colligative properties
Wednesday	13 December	17-19	Vallone	Chemical equilibrium
Thursday	14 December	17-19	Vallone	Salt solubility
Friday	15 December	16-18	Baiocco	Stoichiometry I – Gas Laws
Tuesday	19 December	14-16	Vallone	Colligative properties
Wednesday	20 December	17-19	Baiocco	Stoichiometry II – Solutions
Thursday	21 December	17-19	Vallone	State transitions
				Stoichiometry III – colligative properties
Tuesday	9 January	14-16	Vallone	pH- water self-protolysis-hydrolysis

<b>Wednesday</b>	<b>10 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>pH Buffers/ acid-base titrations</b>
<b>Thursday</b>	<b>11 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Electrochemistry</b>
<b>Friday</b>	<b>12 January</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Stoichiometry III – colligative properties Stoichiometry IV - Equilibria</b>
<b>Tuesday</b>	<b>15 January</b>	<b>14-16</b>	<b>Vallone</b>	<b>Thermodynamics – Free energy</b>
<b>Wednesday</b>	<b>16 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Organic chemistry I hydrocarbons</b>
<b>Thursday</b>	<b>17 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Organic chemistry 2 – aromatic compounds</b>
<b>Friday</b>	<b>19 January</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Stoichiometry IV - Equilibria</b>
<b>Tuesday</b>	<b>23 January</b>	<b>14-16</b>	<b>Vallone</b>	<b>Functional groups 1</b>
<b>Wednesday</b>	<b>24 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Functional groups II</b>
<b>Thursday</b>	<b>25 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Isomerism</b>
<b>Friday</b>	<b>26 January</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Stechiometry V Kps</b>
<b>Tuesday</b>	<b>30 January</b>	<b>14-16</b>	<b>Vallone</b>	<b>Sugars I</b>
<b>Wednesday</b>	<b>31 January</b>	<b>17-19</b>	<b>Vallone</b>	<b>Sugars II</b>
<b>Thursday</b>	<b>1 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Aminoacids and proteins</b>
<b>Friday</b>	<b>2 February</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Stoichiometry VI pH</b>
<b>Tuesday</b>	<b>6 February</b>	<b>14-16</b>	<b>Vallone</b>	<b>Lipids</b>

<b>Wednesday</b>	<b>7 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Nucleic Acids</b>
<b>Thursday</b>	<b>8 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Stoichiometry – Mock test</b>
<b>Friday</b>	<b>9 February</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Stoichiometry VII pH</b>
<b>Tuesday</b>	<b>13 February</b>	<b>14-16</b>	<b>Vallone</b>	<b>Biological buffers (ADE – Seminar)</b>
<b>Wednesday</b>	<b>14 February</b>	<b>17-19</b>	<b>Baiocco</b>	<b>Molecular Models (ADE)</b>
<b>Thursday</b>	<b>15 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Osmometry &amp; Hemolysis (ADE)</b>
<b>Friday</b>	<b>16 February</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Extra lessons upon request</b>
<b>Tuesday</b>	<b>20 February</b>	<b>14-16</b>	<b>Vallone</b>	<b>Extra lessons upon request</b>
<b>Wednesday</b>	<b>21 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Extra lessons upon request</b>
<b>Thursday</b>	<b>22 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Extra lessons upon request</b>
<b>Friday</b>	<b>23 February</b>	<b>16-18</b>	<b>Baiocco</b>	<b>Extra lessons upon request</b>
<b>Tuesday</b>	<b>26 February</b>	<b>14-16</b>	<b>Vallone</b>	<b>Extra lessons upon request</b>
<b>Wednesday</b>	<b>27 February</b>	<b>17-19</b>	<b>Vallone</b>	<b>Extra lessons upon request</b>