

## Maulana Azad College, Department of Chemistry, Course Structure (CBCS), Semester-wise

Semester	Course Name	Details of Course Offered	Theory Marks/ Credit	Practical/ Tutorial Marks/ Credit	Internal Assessment		Full Marks	Paper Credit
					Attendance	Examination		
<b>1</b>	<b>Core Course-1 (CC-1)</b> (for Chem. Hons.)	Inorganic Chemistry-1 Organic Chemistry-1A	50/4	30/2	10	10	100	6
	<b>Core Course-2 (CC-2)</b> (for Chem. Hons.)	Physical Chemistry-1 Organic Chemistry-1B	50/4	30/2	10	10	100	6
	<b>Generic Elective-1 (GE-1)</b> (for other Science Hons.*)	Inorganic, Organic, Physical Chemistry	50/4	30/2	10	10	100	6
	<b>Ability Enhancement Compulsory Course-1 (AECC-1)</b>	English/Bengali/Urdu	80/2	0	10	10	100	2
<b>Total</b>			<b>230/14</b>	<b>90/6</b>	<b>40</b>	<b>40</b>	<b>400</b>	<b>20</b>
<b>2</b>	<b>CC-3</b>	Organic Chemistry-2	50/4	30/2	10	10	100	6
	<b>CC-4</b>	Inorganic Chemistry-2	50/4	30/2	10	10	100	6
	<b>GE-2 (for other Science Hons.*)</b>	Inorganic, Organic, Physical	50/4	30/2	10	10	100	6
	<b>AECC-2</b>	Environmental Studies	50	30	10	10	100	2
<b>Total</b>			<b>200</b>	<b>120</b>	<b>40</b>	<b>40</b>	<b>400</b>	<b>20</b>
<b>3</b>	<b>CC-5</b>	Physical Chemistry-2	50/4	30/2	10	10	100	6
	<b>CC-6</b>	Inorganic Chemistry-3	50/4	30/2	10	10	100	6
	<b>CC-7</b>	Organic Chemistry-3	50/4	30/2	10	10	100	6
	<b>Skill Enhancement Course-A (SEC-A)</b> (for Chem. Hons.)	SEC-1: Mathematics and Statistics for Chemists	80/2	0	10	10	100	2
	<b>GE-3 (for other Science Hons.*)</b>	Inorganic, Organic, Physical	50/4	30/2	10	10	100	6
<b>Total</b>			<b>280/18</b>	<b>120/8</b>	<b>50</b>	<b>50</b>	<b>500</b>	<b>26</b>
<b>4</b>	<b>CC-8</b>	Organic Chemistry-4	50/4	30/2	10	10	100	6
	<b>CC-9</b>	Physical Chemistry-3	50/4	30/2	10	10	100	6
	<b>CC-10</b>	Inorganic Chemistry-4	50/4	30/2	10	10	100	6
	<b>SEC-B (for Chem. Hons.)</b>	SEC-3: Pharmaceuticals Chemistry	80/2	0	10	10	100	2
	<b>GE-4 (for other Science Hons.*)</b>	Inorganic, Organic, Physical	50/4	30/2	10	10	100	6
<b>Total</b>			<b>280/18</b>	<b>120/8</b>	<b>50</b>	<b>50</b>	<b>500</b>	<b>26</b>

\*Physics (H), Mathematics (H), Botany (H), Zoology (H), Microbiology (H)

Semester	Course Name	Details of Course Offered	Theory Marks/ Credit	Practical/ Tutorial Marks/ Credit	Internal Assessment		Full Marks	Paper Credit
					Attendance	Examination		
5	CC-11	Physical Chemistry-4	50/4	30/2	10	10	100	6
	CC-12	Organic Chemistry-5	50/4	30/2	10	10	100	6
	Discipline Specific Elective-A (DSE-A)	A-1: Molecular Modelling and Drug Design OR A-2: Applications of Computer in Chemistry	50/4	30/2	10	10	100	6
	Discipline Specific Elective-B (DSE-B)	B-1: Inorganic Materials of Industrial Importance OR B-2: Novel Inorganic Solids	50/4	30/2	10	10	100	6
<b>Total</b>			<b>200/16</b>	<b>120/8</b>	<b>40</b>	<b>40</b>	<b>400</b>	<b>24</b>
6	CC-13	Inorganic Chemistry-5	50/4	30/2	10	10	100	6
	CC-14	Physical Chemistry-5	50/4	30/2	10	10	100	6
	Discipline Specific Elective-A (DSE-A)	A-3: Green Chemistry and Chemistry of Natural Products OR A-4: Analytical Methods in Chemistry	50/4	30/2	10	10	100	6
	Discipline Specific Elective-B (DSE-B)	B-3: Polymer Chemistry OR B-4: Dissertation	50/4	30/2	10	10	100	6
<b>Total</b>			<b>200/16</b>	<b>120/8</b>	<b>40</b>	<b>40</b>	<b>400</b>	<b>24</b>
<b>Grand Total</b>							<b>2600</b>	<b>140</b>