

ಶೌಕಲ್ಯವಿಷಯಕ ಕಾಲೇಜು (ಸ್ವಾಯತ್ತ)  
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ST ALOYSIUS COLLEGE(AUTONOMOUS)  
MANGALURU - 575 003  
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ESTD : 1880

Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4  
Recognised by UGC as "College with Potential for Excellence"  
Conferred "College with "STAR STATUS" by DBT, Government of India.  
Centre for Research Capacity Building under UGC-STRIDE

Date: 17-08-2022

### NOTIFICATION

Sub: Syllabus of **B.Sc. BIOCHEMISTRY** under NEP Regulations, 2021.  
(As per Mangalore University guidelines)

- Ref: 1. Decision of the Academic Council meeting held on 18-12-2021 vide  
Agenda No: 6.13 2021-22)  
2. Decision of the Academic Council meeting held on 09-07-2022 vide  
Agenda No: 14  
3. Office Notification dated 21-02-2022  
4. Office Notification dated 17-08-2022

Pursuant to the above, the Syllabus of **B.Sc. BIOCHEMISTRY** under NEP Regulations, 2021 which was approved by the Academic Council at its meeting held on 18-12-2021 & 09-07-2022 is hereby notified for implementation with effect from the academic year 2021-22.

*Premarlis*

PRINCIPAL



*MW*

REGISTRAR

To:

1. The Chairman/Dean/HOD.
2. The Registrar Office
3. Library

*Heads of the Department*  
St. Aloysius College  
Mangalore-575003

Programme structure for the under-graduate programs in universities and colleges  
[subjects with practicals]

<b>SEMESTER - I</b>								
Group	Course Code	Title of the Course	Instruction Hours / week	Duration of Exam (Hours)	Marks			Credits
					IA	Exam	Total	
Discipline Core Courses	G 510 DC 1.1	Chemical Foundation Of Biochemistry - I	04	2.5	40	60	100	4
	G 510 DC 2.1P	Volumetric analysis & Estimations - Practical-1	04	03	25	25	50	2
Open Elective Courses	G 510 OE 1.1	Biochemistry of cells	03	02	25	25	50	2
<b>SEMESTER - II</b>								
Group	Course Code	Title of the Course	Instruction Hours / week	Duration of Exam (Hours)	Marks			Credits
					IA	Exam	Total	
Discipline Core Courses	G 510 DC 1.2	Chemical Foundation Of Biochemistry - II	04	2.5	40	60	100	4
	G 510 DC 2.2P	Qualitative and Quantitative Analysis - II	04	03	25	25	50	2
Open Elective Courses	G 510 OE 1.2	Proteins & Amino acids	03	02	25	25	50	2



**St Aloysius College (Autonomous)**  
**Mangaluru**

**Re-accredited by NAAC “A” Grade**  
**Course structure and syllabus of**  
**B.Sc.**  
**CHEMISTRY**

**Under NEP Regulations, 2021**



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Date: 21-02-2022

### NOTIFICATION

Sub: Syllabus of **B.Sc. CHEMISTRY** under NEP Regulations, 2021.  
(As per Mangalore University guidelines)

Ref: 1. Decision of the Academic Council meeting held on 18-12-2021 vide  
Agenda No: 6 (2021-22)  
2. Office Notification dated 21-02-2022

Pursuant to the above, the Syllabus of **B.Sc. CHEMISTRY** under NEP Regulations, 2021 which was approved by the Academic Council at its meeting held on 18-12-2021 is hereby notified for implementation with effect from the academic year **2021-22**.

**PRINCIPAL**



**REGISTRAR**

To:

1. The Chairman/Dean/HOD
2. The Registrar Office
3. Library

### COURSE PATTERN

Course No & Paper / Practical	Teaching Hours per week	Duration of Exam (Hours)	Marks		
			I A	Exam	Total
<b>FIRST SEMESTER</b>					
<b>G 502DC 1.1: Analytical and Organic Chemistry – I</b>	4	2.5	40	60	100
<b>G 502 DC2.1P: Analytical and Organic Chemistry – I</b>	4	2.5	40	60	100
<b>G 502 OE1.1: Chemistry in Daily Life</b>	3	2.5	40	60	100
<b>SECOND SEMESTER</b>					
<b>G502 DC1.2: Inorganic and Physical Chemistry - I</b>	4	2.5	40	60	100
<b>G 502 DC 2.2P: Inorganic and Physical Chemistry - I</b>	4	2.5	40	60	100
<b>G 502 OE 1.2: Molecules of Life</b>	3	2.5	40	60	100