



**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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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

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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



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Date: 21-02-2022

## NOTIFICATION

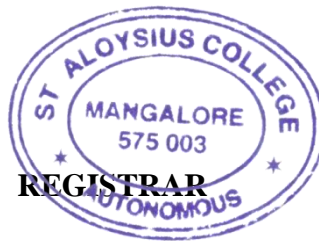
Sub: Syllabus of **B.Sc. ZOOLOGY** under NEP Regulations, 2021.  
(As per Mangalore University guidelines)

- 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. ZOOLOGY** 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**.

*S. Venkatesh*

PRINCIPAL



REGISTRAR

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To:

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2. The Registrar Office
3. Library

## Scheme of credit based semester system for B.Sc.

### Optional subject: Zoology

#### I Semester

Paper	Instructions hours/ week		Duration of exam hours	Marks		Total Marks	Credits
	Theory	Practical		Exam	IA		
G 508 DC 1.1 ( Theory) Cytology, Genetics and Infectious Diseases	4	-	2	60	40	100	2
G 508. DC 1.1P (Practical) Cytology, Genetics and Infectious Diseases	-	4	4	40	10	50	1
<b>G 508 OE 1.1</b> <b>(Open Elective)</b> Economic Zoology	<b>3</b>	<b>-</b>	<b>2</b>	<b>40</b>	<b>10</b>	<b>50</b>	<b>1</b>

#### II Semester

Paper	Instructions hours/ week		Duration of exam hour	Marks		Total Marks	Credits
	Theory	Practical		Exam	IA		
G 508.DC 2.1 ( Theory) <b>Biochemistry</b> <b>andPhysiology</b>	4	-	2	60	40	100	2
G 508.DC2.1 P (Practical) <b>Biochemistry</b> <b>andPhysiology</b>	-	4	4	40	10	50	1
<b>G 508 OE 2.1E</b> <b>(Open Elective)</b> <b>Parasitology</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>40</b>	<b>10</b>	<b>50</b>	<b>1</b>

