

**Semester I (For Mathematics Group)**  
**For B.Sc Chemistry / Physics / Mathematics Course**

|                                       | Subject Code    | Course  | Instructions Hrs / week | Examination |                 |            | Credit     |
|---------------------------------------|-----------------|---|-------------------------|-------------|-----------------|------------|------------|
|                                       |                 |   |                         | Internal    | University Exam | Total      |            |
| <b>Semester I (Mathematics Group)</b> | <b>CCH-101</b>  | <b>Fundamentals of Chemistry - I</b>  | 4                       | 30          | 70              | 100        | 4          |
|                                       | <b>CPH-101</b>  | <b>Fundamentals of Physics – I</b>  | 4                       | 30          | 70              | 100        | 4          |
|                                       | <b>CMAT-101</b> | <b>Mathematics – I</b>  | 6                       | 45          | 105             | 150        | 6          |
|                                       | <b>PCH-101</b>  | <b>Chemistry Practical - I</b>  | 4                       | -           | 50              | 50         | 2          |
|                                       | <b>PPH-101</b>  | <b>Physics Practical - I</b>  | 4                       | -           | 50              | 50         | 2          |
|                                       | <b>FCG-101</b>  | ( University Elective )<br>Basic English – I  | 2                       | 15          | 35              | 50         | 2          |
|                                       | <b>EGC-101</b>  | Generic Elective<br>( Institute elective)<br>Communication Skills – I               | 2                       | 15          | 35              | 50         | 2          |
|                                       | <b>SE-101</b>   | Discipline Specific Elective<br>( Subject Specific elective)<br>Environment Science | 2                       | 15          | 35              | 50         | 2          |
|                                       | <b>Total</b>    |   |                         | <b>28</b>   | <b>150</b>      | <b>450</b> | <b>600</b> |

\* This group is offered for the following course

1. B.Sc Chemistry
2. B.Sc Physics
3. B.Sc Mathematics

**Semester I (For Biology Group)  
For B.Sc Chemistry Course**

| Semester I (Biology Group) | Subject Code  | Course  | Instructions Hrs<br>/ week | Examination |                 |            | Credit    |
|----------------------------|---|---|----------------------------|-------------|-----------------|------------|-----------|
|                            |   |   |                            | Internal    | University Exam | Total      |           |
|                            | CCH-101   | Fundamentals of Chemistry - I   | 4                          | 30          | 70              | 100        | 4         |
|                            | CPH-101   | Fundamentals of Physics – I   | 4                          | 30          | 70              | 100        | 4         |
|                            | CBI-101   | Fundamentals of Botany – I  | 4                          | 30          | 70              | 100        | 4         |
|                            | PCH-101   | Chemistry Practical – I   | 4                          | -           | 50              | 50         | 2         |
|                            | PPH-101   | Physics Practical – I   | 4                          | -           | 50              | 50         | 2         |
|                            | PBI-101   | Botany Practical – I  | 4                          | -           | 50              | 50         | 2         |
|                            | FCG-101   | ( University Elective )<br>Basic English – I                          | 2                          | 15          | 35              | 50         | 2         |
|                            | EGC-101   | Generic Elective<br>( Institute elective)<br>Communication Skills – I | 2                          | 15          | 35              | 50         | 2         |
| SE-101                     | Discipline Specific Elective<br>( Subject Specific elective)<br>Environment Science | 2   | 15                         | 35          | 50              | 2          |           |
| <b>Total</b>               |   |   | <b>30</b>                  | <b>135</b>  | <b>465</b>      | <b>600</b> | <b>24</b> |

\* This group is offered for the following course only B.Sc Chemistry Course

## Semester I (For Biology Group) For B.Sc Microbiology Course

|                                   | Subject Code   | Course  | Instructions Hrs / week | Examination |                 |            | Credit     |
|-----------------------------------|----------------|---|-------------------------|-------------|-----------------|------------|------------|
|                                   |                |   |                         | Internal    | University Exam | Total      |            |
| <b>Semester I (Biology Group)</b> | <b>CCH-101</b> | <b>Fundamentals of Chemistry - I</b>  | 4                       | 30          | 70              | 100        | 4          |
|                                   | <b>CMB-101</b> | <b>Fundamentals of Microbiology - I</b>   | 4                       | 30          | 70              | 100        | 4          |
|                                   | <b>CBI-101</b> | <b>Fundamentals of Botany - I</b>   | 4                       | 30          | 70              | 100        | 4          |
|                                   | <b>PCH-101</b> | <b>Chemistry Practical - I</b>  | 4                       | -           | 50              | 50         | 2          |
|                                   | <b>PMB-101</b> | <b>Microbiology Practical - I</b>   | 4                       | -           | 50              | 50         | 2          |
|                                   | <b>PBI-101</b> | <b>Botany Practical - I</b>   | 4                       | -           | 50              | 50         | 2          |
|                                   | <b>FCG-101</b> | ( University Elective )<br>Basic English – I  | 2                       | 15          | 35              | 50         | 2          |
|                                   | <b>EGC-101</b> | Generic Elective<br>( Institute elective)<br>Communication Skills – I               | 2                       | 15          | 35              | 50         | 2          |
|                                   | <b>SE-101</b>  | Discipline Specific Elective<br>( Subject Specific elective)<br>Environment Science | 2                       | 15          | 35              | 50         | 2          |
|                                   | <b>Total</b>   |   |                         | <b>30</b>   | <b>135</b>      | <b>465</b> | <b>600</b> |

**\* This group is offered for the following course only B.Sc Microbiology Course**