

ATMIYA UNIVERSITY
Faculty of Science
Department of Microbiology
Scheme of Learning and Evaluation
B.Sc. Programme (A.Y. 2023-24 onwards)

| Semester I | | | | | | | | | |
|---|-------------------------------------|-------------------|-----------|-----------|-----------------------|---------------|------------|------------|-----------|
| Course Code | Course | Contact Hrs/ Week | | | SEE Duration (Hours) | Maximum Marks | | | Credits |
| | | | | | | CIA | SEE | Total | |
| Ability Enhancement Course (AEC) | | T | Tu | P | | | | | |
| 23UGEN140 | Functional English for Science | 3 | - | - | 3 | 40 | 60 | 100 | 3 |
| | Total | 3 | - | - | - | 40 | 60 | 100 | 3 |
| Discipline Specific Core Courses (Major/Minor/MDC) * | | | | | | | | | |
| 23UGMB101 | Basic Microbiology | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGBT101 | Cell Biology | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGCH101 | Chemistry-I | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGMB102 | Basic Microbiology Practical | - | - | 4 | 6 | 50 | 50 | 100 | 2 |
| 23UGBT102 | Cell Biology Practical | - | - | 4 | 3 | 50 | 50 | 100 | 2 |
| 23UGCH102 | Chemistry-I Practical | - | - | 4 | 3 | 50 | 50 | 100 | 2 |
| | Total | 12 | - | 12 | | 240 | 360 | 600 | 18 |
| Value added Course (VAC) | | | | | | | | | |
| 23UGVE170 | IKS-Human Value for Holistic Living | 3 | - | | Evaluation by Remarks | | | | 3 |
| | Total | 3 | - | - | | | | | 3 |
| | Grand Total | 18 | | 12 | | 280 | 420 | 700 | 24 |
| | | 30 | | | | | | | |

| Semester –II | | | | | | | | | |
|---|---|----------------|----------|-----------|------------------|---|------------|------------|-----------|
| Course Code | Course | Contact Hrs/wk | | | SEE Duration hrs | Maximum Marks | | | Credits |
| | | T | Tu | P | | CIA | SEE | Total | |
| Ability Enhancement Course (AEC) | | | | | | | | | |
| 23UGEN240 | Advanced English & Correspondence | 3 | | | 3 | 40 | 60 | 100 | 3 |
| | Total (AEC) | 3 | | | | 40 | 60 | 100 | 3 |
| Discipline Specific Core Courses (Major/Minor/MDC) * | | | | | | | | | |
| 23UGMB201 | Basic Biochemistry | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGBT201 | Plant Science | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGCH201 | Chemistry - II | 4 | - | - | 3 | 30 | 70 | 100 | 4 |
| 23UGMB202 | Basic Biochemistry Practical | - | - | 4 | 6 | 50 | 50 | 100 | 2 |
| 23UGBT202 | Plant Science Practical | - | - | 4 | 3 | 50 | 50 | 100 | 2 |
| 23UGCH202 | Chemistry II Practical | - | - | 4 | 3 | 50 | 50 | 100 | 2 |
| | Total (Core) | 12 | | 12 | | 210 | 390 | 600 | 18 |
| Skill Enhancement Course | | | | | | | | | |
| 23UGMB250 | Culture Handling and Preservation Techniques | 1 | - | 2 | - | 100 | - | - | 2 |
| | Total (SEC) | 1 | - | 2 | - | 100 | - | - | 2 |
| Value added Course (VAC) | | | | | | | | | |
| 21AESD101 | Introduction to Sustainable Development Goals | - | - | - | - | Evaluation by Remarks based on Continuous Internal Assessment | | | 1 |
| | Total (VAC) | - | - | - | - | - | | | 1 |
| | Grand Total | 16 | - | 14 | | 350 | 450 | 800 | 24 |
| | | 30 | | | | 800 | | | |