

## Faculty of Life Sciences

Semester: Spring 2022

### BS Biochemistry:

| <u>S #</u> | <u>Course Code</u> | <u>Course Title</u>              | <u>Sections</u> | <u>Semester</u> |
|------------|--------------------|----------------------------------|-----------------|-----------------|
| 1          | BCHU1013           | English I                        | 1               | I               |
| 2          | BC1333             | Inorganic Chemistry              | 1               | I               |
| 3          | BCHU1033           | Islamic studies                  | 1               | I               |
| 4          | BCCS1013           | Introduction to Computer Science | 1               | I               |
| 5          | BCHU1043           | Social Science I                 | 1               | I               |
| 6          | BC1213             | Introduction to Biochemistry     | 1               | I               |
| 7          | BCHU1053           | English-II                       | 1               | II              |
| 8          | BCMT1013           | Biostatistics                    | 1               | II              |
| 9          | BCHU1063           | Social Science II                | 1               | II              |
| 10         | BCMG1013           | Marketing and Management         | 1               | II              |
| 11         | BC1313             | Organic Chemistry                | 1               | II              |
| 12         | BC1323             | Carbohydrates and Lipids         | 1               | II              |
| 13         | BCHU2073           | English-III (Writing & Comp)     | 1               | III             |
| 14         | BCMT2023           | Mathematics                      | 1               | III             |
| 15         | BCHU2023           | Pakistan Studies                 | 1               | III             |
| 16         | BC2413             | Physical Chemistry               | 1               | III             |
| 17         | BC2343             | Amino Acid & Proteins            | 1               | III             |

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|----|------------|--------------------------------|---|-----|
| 18 | BC2423     | Human Physiology               | 1 | III |
| 19 | BC2613     | Biophysics                     | 1 | IV  |
| 20 | BC2513     | Genetics                       | 1 | IV  |
| 21 | BC2533     | Enzymes                        | 1 | IV  |
| 22 | BC2243     | Plant Biochemistry             | 1 | IV  |
| 23 | BC2253     | Metabolism                     | 1 | IV  |
| 24 | BC2623     | Microbiology                   | 1 | IV  |
| 25 | CELBIO3023 | Cell Biology                   | 1 | V   |
| 26 | BIOCHE5013 | Biochemistry Techniques        | 1 | V   |
| 27 | BIOSAF8012 | Biosafety & Ethics             | 1 | V   |
| 28 | MOLBIO4013 | Molecular Biology              | 1 | V   |
| 29 | BIOCHE5033 | Clinical Biochemistry          | 1 | V   |
| 30 | VIRO8013   | General Virology               | 1 | V   |
| 31 | CTISSU7013 | Cell & Tissue Culture          | 1 | VI  |
| 32 | BIOCHE7013 | Bio-Membranes & Cell Signaling | 1 | VI  |
| 33 | BIOENR6012 | Bioenergetics                  | 1 | VI  |
| 34 | BIOCHE6023 | Nutritional Biochemistry       | 1 | VI  |
| 35 | BIOINF7013 | Bioinformatics                 | 1 | VI  |
| 36 | Bioche7023 | Industrial Biochemistry        | 1 | VII |
| 37 | Biotec5023 | Introduction to Biotechnology  | 1 | VII |
| 38 | Immun5013  | Immunology                     | 1 | VII |

|    |            |                                |   |      |
|----|------------|--------------------------------|---|------|
| 39 | Bioche7033 | Current Trends in Biochemistry | 1 | VII  |
| 40 | BC4903     | Research Project 1             | 1 | VII  |
| 41 | EnvBc8013  | Environmental Biochemistry     | 1 | VIII |
| 42 | Biotec8013 | Fermentation Biotechnology     | 1 | VIII |
| 43 | Toxi8013   | Toxicology                     | 1 | VIII |
| 44 | Intern8013 | Internship (M)                 | 1 | VIII |
| 45 | BC4913     | Research Project II            | 1 | VIII |
|    |            |                                |   |      |
|    |            |                                |   |      |