

UNIVERSITY OF NAIROBI  
FACULTY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOCHEMISTRY  
SEMESTER 2 TEACHING TIMETABLE

|     | 8:00-9:00                         | 9:00-10:00                                                          | 10:00-11:00                                                         | 11:00-12:00                                                         | 12:00-1:00                                                        | 1:00-2:00<br>[13:00-14:00]  | 2:00-3:00<br>[14:00-15:00]               | 3:00-4:00<br>[15:00-16:00]                                        | 4:00-5:00<br>[16:00-17:00]                            | 5:00-6:00<br>[17:00-18:00] |
|-----|-----------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------|------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|----------------------------|
| MON | Y1                                | SCH 3102 Chemistry of Alkalines and Introduction to Stereochemistry | SCH 3102 Chemistry of Alkalines and Introduction to Stereochemistry | SBC3102 Biomolecules (SLT)Online                                    |                                                                   |                             |                                          |                                                                   |                                                       |                            |
|     | Y2                                | HBC3208 Biochemical Endocrinology I                                 |                                                                     | HBC3209 Molecular Biology I                                         |                                                                   |                             |                                          | SBC3206 Biomembranes                                              |                                                       |                            |
|     | Y3                                | HBC 307 Microbial Biochemistry (CAVS) Lecture                       | HBC 307 Microbial Biochemistry (CAVS) Practical                     |                                                                     |                                                                   |                             |                                          |                                                                   |                                                       |                            |
|     | Y4                                | HBC 403 Biochemical Endocrinology II                                | HBC 405 Forensic Biochemistry                                       | HBC 409 Nutritional Biochemistry II                                 | HBC 414 Biotechnology & Genetic Engineering II                    |                             |                                          | HBC 415 Research Project                                          |                                                       |                            |
| TUE | MSc Bioinformatics/ Biotechnology |                                                                     | SBB 6104 Statistics and probability                                 | SBB 6102/SBC 6104 Applied Bioinformatics                            |                                                                   |                             | SBB 6211 Database Management Systems     |                                                                   |                                                       |                            |
|     | MSc Biochemistry                  |                                                                     | SBC 6102 Molecular Biology and Biotechnology                        |                                                                     |                                                                   |                             |                                          |                                                                   |                                                       |                            |
|     | Y1                                | SZL 3108 Evolutionary Biology (SLT)Online                           | SCH 3102 Chemistry of Alkalines and Introduction to Stereochemistry | SCH 3102 Chemistry of Alkalines and Introduction to Stereochemistry |                                                                   |                             |                                          |                                                                   |                                                       |                            |
|     | Y2                                | HBC3210 Immunochemistry                                             |                                                                     |                                                                     |                                                                   |                             |                                          | HBC3207 Plant Biochemistry                                        |                                                       |                            |
| WED | Y3                                |                                                                     | HBC 311 Biochemical Techniques (Practical)                          |                                                                     |                                                                   |                             |                                          | HBC 303 Regulation and Integration of Mammalian Tissue Metabolism |                                                       |                            |
|     | Y4                                |                                                                     | HBC 416 Biochemical Techniques & Instrumentation III                |                                                                     |                                                                   |                             |                                          | HBC 415 Research Project                                          |                                                       |                            |
|     | MSc Bioinformatics/ Biotechnology |                                                                     | SBB 6122 Research Methods                                           |                                                                     | HBC 415 Research Project                                          |                             | SBB 6106 Genomics & Proteomics           |                                                                   | SBB 6124 Biopolicy, Biosafety & Intellectual Property |                            |
|     | MSc Biochemistry                  |                                                                     | SBC 6106 Research Methods and Biostatistics                         | SBC 6100 Advanced Biochemical Techniques                            |                                                                   |                             | SBC 6100 Advanced Biochemical Techniques |                                                                   |                                                       |                            |
| THU |                                   | 8:00-9:00                                                           | 9:00-10:00                                                          | 10:00-11:00                                                         | 11:00-12:00                                                       | 12:00-1:00                  | 1:00-2:00<br>[13:00-14:00]               | 2:00-3:00<br>[14:00-15:00]                                        | 3:00-4:00<br>[15:00-16:00]                            | 4:00-5:00<br>[16:00-17:00] |
|     | Y1                                |                                                                     |                                                                     |                                                                     | SBC3110 Lab Practice & Instrumentation (B12 & B45)                |                             |                                          |                                                                   |                                                       |                            |
|     | Y2                                |                                                                     | HBC3208 Biochemical Endocrinology I                                 |                                                                     |                                                                   | HBC3209 Molecular Biology I |                                          |                                                                   | HBC3206 Biomembranes                                  |                            |
|     | Y3                                |                                                                     | HBC 304 Comparative Biochemistry                                    |                                                                     | HBC 303 Regulation and Integration of Mammalian Tissue Metabolism |                             |                                          |                                                                   |                                                       |                            |

2<sup>ND</sup> SEMESTER TEACHING TIMETABLE 4<sup>TH</sup> MARCH 2024 - 14<sup>TH</sup> JUNE 2024

|                                   |                                                       |                                                           |                                                         |                                          |                                                |
|-----------------------------------|-------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|------------------------------------------|------------------------------------------------|
| Y4                                | HBC 411 Food and Industrial Microbiology II (Lecture) | HBC 411 Food and Industrial Microbiology II (Practical)   |                                                         | HBC 409 Nutritional Biochemistry II      |                                                |
|                                   | MSc Bioinformatics/ Biotechnology                     | SBB 6108 Internet Tech & Applications                     | SBB 6211 Database Management Systems                    | SBB 6102/SBC 6104 Applied Bioinformatics |                                                |
| MSc Biochemistry                  |                                                       |                                                           | SBC 6122 Research Methods and Biostatistics             |                                          |                                                |
|                                   | Y1                                                    | SBC 3102 Biomolecules (SLT)Online                         |                                                         |                                          |                                                |
| Y2                                |                                                       | HBC 3210 Immunochemistry                                  |                                                         | HBC 3207 Plant Biochemistry              |                                                |
| Y3                                |                                                       |                                                           | HBC 308 Elements of Pharmaceutical Chemistry (Pharmacy) |                                          |                                                |
| Y4                                |                                                       | HBC 407 Biochemical Toxicology (Lecture)                  | HBC 407 Biochemical Toxicology (Practical)              | HBC 403 Biochemical Endocrinology II     | HBC 414 Biotechnology & Genetic Engineering II |
| MSc Bioinformatics/ Biotechnology |                                                       | SBB 6124 Biopolymer, Biosafety & Intellectual Property    |                                                         | SBB 6122 Research Methods                | SBB 6106 Genomics & Proteomics                 |
| MSc Biochemistry                  |                                                       |                                                           | SBC 6100 Advanced Biochemical Techniques                |                                          |                                                |
|                                   |                                                       | 8:00-9:00                                                 | 10:00-11:00                                             | 11:00-12:00                              | 12:00-1:00                                     |
| Y1                                |                                                       | Evolutionary Biology (SLT)Online                          |                                                         |                                          |                                                |
| Y2                                |                                                       | SBC 3211 Lab Practice & Instrumentation (B T & I) Lecture |                                                         |                                          |                                                |
| Y3                                | HBC 304 Comparative Biochemistry                      | HBC 310 Research Methods and Communication                |                                                         |                                          |                                                |
| Y4                                | HBC 402 Clinical Chemistry II (Lecture)               | HBC 402 Clinical Chemistry II (Practical)                 |                                                         | HBC 405 Forensic Biochemistry            |                                                |
| MSc Bioinformatics/ Biotechnology |                                                       |                                                           | SBB 6104 Statistics and probability                     | SBB 6103 Internet Tech & Applications    |                                                |
| MSc Biochemistry                  |                                                       |                                                           | SBC 6102 Molecular Biology and Biotechnology            |                                          |                                                |

Approved  Chairman, Department of Biochemistry

Date 27/02/2024



FIRST YEAR (SEMESTER II)

| CODE     | TITLE                                                    | LECTURER/DEPARTMENT                               |
|----------|----------------------------------------------------------|---------------------------------------------------|
| SZL 3108 | EVOLUTIONARY BIOLOGY                                     | Dept. of Biology (Dr. E. Mwangi)                  |
| SBC 3102 | BIOMOLECULES                                             | Dept. of Biochemistry (Dr. N. Khan & Mr. D. Njau) |
| SBC 3110 | LAB PRACTICE AND INSTRUMENTATION                         | Dept. of Biochemistry (Dr. N. Khan)               |
| SCH 3102 | CHEMISTRY OF ALKANES AND INTRODUCTION TO STEREOCHEMISTRY | Dept. of Chemistry (Prof. Abay)                   |

2<sup>nd</sup> SEMESTER TEACHING TIMETABLE 4<sup>th</sup> MARCH 2024 - 14<sup>th</sup> JUNE 2024

SECOND YEAR (SEMESTER II)

| CODE     | TITLE                                    | LECTURER/DEPARTMENT                                                  |
|----------|------------------------------------------|----------------------------------------------------------------------|
| SBC 3206 | BOMEMBRANES                              | Dept. of Biochemistry (Dr. N Khan)                                   |
| SBC 3207 | PLANT BIOCHEMISTRY                       |                                                                      |
| SBC 3208 | BIOCHEMICAL ENDOCRINOLOGY I              | Dept. of Biochemistry (Dr. E. Mecha)                                 |
| SBC 3209 | MOLECULAR BIOLOGY I                      | Dept. of Biochemistry (Prof. E. Maina)                               |
| SBC 3210 | IMMUNOCHEMISTRY                          | Dept. of Biochemistry (Prof. C. Wasonga)                             |
| SBC 3211 | BIOCHEMICAL TECHNIQUES & INSTRUMENTATION | Dept. of Biochemistry (Prof. E. Maina, Dr. Waiboci & Dr. C. Wasonga) |

THIRD YEAR (SEMESTER II)

| CODE    | TITLE                                                     | LECTURER/DEPARTMENT                                             |
|---------|-----------------------------------------------------------|-----------------------------------------------------------------|
| HBC 303 | REGULATION AND INTEGRATION OF MAMMALIAN TISSUE METABOLISM | Dept. of Biochemistry (Dr. G. Bichanga)                         |
| HBC 304 | COMPARATIVE BIOCHEMISTRY                                  | Dept. Biochemistry (Dr. E. Kanduma)                             |
| HBC 307 | MICROBIAL BIOCHEMISTRY                                    | Dept. of Vet Pathology and Microbiology (Dr. Mahacle Odongo)    |
| HBC 309 | ELEMENTS OF PHARMACEUTICAL CHEMISTRY                      | Dept. of Pharmacy (Prof. Kennedy Abuga)                         |
| HBC 310 | RESEARCH METHODS AND COMMUNICATION                        | Dept. of Communication skills (Dr. Nobert Baswell/ Dr. Dorothy) |
| HBC 311 | BIOCHEMICAL TECHNIQUES & INSTRUMENTATION                  | Dept. of Biochemistry (Dr. Waiboci, Dr. Ochieng, Dr. Wasonga)   |

FOURTH YEAR (SEMESTER II)

| CODE    | TITLE                                    | LECTURER/DEPARTMENT                                                                  |
|---------|------------------------------------------|--------------------------------------------------------------------------------------|
| HBC 402 | CLINICAL CHEMISTRY II                    | Dept. of Human Pathology (Dr. Z. L. Thaimular/ Dr. Caroline)                         |
| HBC 403 | BIOCHEMICAL ENDOCRINOLOGY II             | Dept. of Biochemistry (Dr. C. Wasonga)                                               |
| HBC 405 | FORENSIC BIOCHEMISTRY                    | Dept. of Biochemistry (Mr. D. Njau)                                                  |
| HBC 407 | BIOCHEMICAL TOXICOLOGY                   | PHPT (M. Oguna)                                                                      |
| HBC 409 | NUTRITIONAL BIOCHEMISTRY II              | Dept. of Biochemistry (Prof. G. Obiero)                                              |
| HBC 411 | FOOD AND INDUSTRIAL MICROBIOLOGY II      | FSTN (Dr. D. Muliwa)                                                                 |
| HBC 414 | BIOTECHNOLOGY & GENETIC ENGINEERING II   | Dept. of Biochemistry (Prof. G. Obiero)                                              |
| HBC 415 | RESEARCH PROJECT                         | Dept. of Biochemistry (All)                                                          |
| HBC 416 | BIOCHEMICAL TECHNIQUES & INSTRUMENTATION | Dept. of Biochemistry (Prof. E. Maina, Prof. G. Obiero, Dr. C. Wasonga, Mr. D. Njau) |

MSc BIOCHEMISTRY (SEMESTER II)

| CODE     | TITLE                               | LECTURER/DEPARTMENT                                                                  |
|----------|-------------------------------------|--------------------------------------------------------------------------------------|
| SBC 6100 | ADVANCED BIOCHEMICAL TECHNIQUES     | Dept. of Biochemistry (Prof. E. Nguu, Dr. E. Kanduma, Dr. M. Mulinge, Dr. G. Obiero) |
| SBC 6102 | MOLECULAR BIOLOGY AND BIOTECHNOLOGY | Dr. M. Mulinge                                                                       |
| SBC 6104 | BIOINFORMATICS                      | Dr. R. Macharia                                                                      |
| SBC 6106 | RESEARCH METHODS AND BIOSTATISTICS  | Department of Mathematics                                                            |

MSc CEBIE (SEMESTER II)

| CODE     | TITLE                      | LECTURER/DEPARTMENT                               |
|----------|----------------------------|---------------------------------------------------|
| SBB 6102 | APPLIED BIOINFORMATICS     | Dept. of Biochemistry (Dr. R. Macharia)           |
| SBB 6104 | PROBABILITY AND STATISTICS | Dept. of Mathematics                              |
| SBB 6106 | GENOMICS & PROTEOMICS      | Dept. of Biochemistry (Mr. Muteru and Mr. Lunayo) |