

# Bachelor of Science Degree (BS) Biological Sciences

| Bachelor of Science Degree (BS) - Biological Sciences |                        |                                                |                        |                           | Bachelor of Science Degree (BS) - Biological Sciences |  |  |  |  |
|-------------------------------------------------------|------------------------|------------------------------------------------|------------------------|---------------------------|-------------------------------------------------------|--|--|--|--|
| Semester                                              | Course                 | Course Title                                   | Credit Hours per Class | Credit Hours per Semester |                                                       |  |  |  |  |
| 1st                                                   | POLS 1101              | American Government                            | 3                      | 13                        |                                                       |  |  |  |  |
|                                                       | ENGL 1101              | English Composition I                          | 3                      |                           |                                                       |  |  |  |  |
|                                                       | MATH 1113              | Pre-Calculus                                   | 3                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 1107K             | Principles of Biology I with Lab               | 4                      |                           |                                                       |  |  |  |  |
| 2nd                                                   | ENGL 1102              | English Composition II                         | 3                      | 18                        |                                                       |  |  |  |  |
|                                                       | AMIR 1001              | Thinking, Learning, and Communicating          | 4                      |                           |                                                       |  |  |  |  |
|                                                       | COMM 1100              | Human Communications                           | 3                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 1108K             | Principles of Biology II with Lab              | 4                      |                           |                                                       |  |  |  |  |
|                                                       | MATH 2201 or MATH 1501 | Calculus I                                     | 4                      |                           |                                                       |  |  |  |  |
| 3rd                                                   | CHEM 1211K             | Principles of Chemistry I with Lab             | 4                      | 14                        |                                                       |  |  |  |  |
|                                                       | ARTS 1100 or MUSC 1100 | Arts or Music Appreciation                     | 3                      |                           |                                                       |  |  |  |  |
|                                                       | PHYS 1111K             | Introductory Physics I with Lab                | 4                      |                           |                                                       |  |  |  |  |
|                                                       | SOCI 1101 or PSYC 1101 | Introduction to Sociology or Psychology        | 3                      |                           |                                                       |  |  |  |  |
| 4th                                                   | ECON 2105 or ECON 2106 | Principles of Microeconomics or Macroeconomics | 3                      | 15                        |                                                       |  |  |  |  |
|                                                       | CHEM 1212K             | Principles of Chemistry II with Lab            | 4                      |                           |                                                       |  |  |  |  |
|                                                       | PHYS 1112K             | Introductory Physics II with Lab               | 4                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 2001              | Biology Seminar I                              | 1                      |                           |                                                       |  |  |  |  |
|                                                       | HIST 2111 or HIST 2112 | United States History I or II                  | 3                      |                           |                                                       |  |  |  |  |
| 5th                                                   | BIOL 3011K             | Principles of Microbiology                     | 4                      | 15                        |                                                       |  |  |  |  |
|                                                       | BIOL 3009K             | Comparative Anatomy and Lab                    | 4                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 3245              | Research Design & Instrumentation              | 3                      |                           |                                                       |  |  |  |  |
|                                                       | CHEM 2241K             | Organic Chemistry I and Lab                    | 4                      |                           |                                                       |  |  |  |  |
| 6th                                                   | CHEM 2242K             | Organic Chemistry II and Lab                   | 4                      | 15                        |                                                       |  |  |  |  |
|                                                       | BIOL 4010              | Evolution                                      | 3                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 3001              | Biology Seminar II                             | 1                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 3111K             | Field Ecology                                  | 4                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 3114              | Principles of Immunology                       | 3                      |                           |                                                       |  |  |  |  |
| 7th                                                   | BIOL 3205              | Biostatistics                                  | 3                      | 14                        |                                                       |  |  |  |  |
|                                                       | BIOL 4205              | Biochemistry                                   | 3                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 4201K             | Cell Biology                                   | 4                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 4000K             | Molecular Biology                              | 4                      |                           |                                                       |  |  |  |  |
| 8th                                                   | BIOL 4209K             | Biotech with Lab (Restricted Elective)         | 4                      | 16                        |                                                       |  |  |  |  |
|                                                       | BIOL 4211K             | Genetics                                       | 4                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 4007              | Biology Seminar III                            | 1                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 3113              | Nutrition                                      | 3                      |                           |                                                       |  |  |  |  |
|                                                       | BIOL 4011K             | Vertebrate Physiology                          | 4                      |                           |                                                       |  |  |  |  |
| TOTAL                                                 |                        |                                                | 120                    | 120                       |                                                       |  |  |  |  |