

BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

The South Georgia State College Bachelor of Science in Biological Sciences offers students two options to engage in learning experiences that lead to rewarding careers. Students in the Nature and Ecology track will engage in study related to the unique ecological sites in the region and, upon completion, may seek advanced study or find employment in a variety of fields within governmental and private sectors. The Pre-Professional track is designed to meet prerequisite courses for entry into the professions of medicine, dentistry, pharmacology, and other health-related fields.

| Area | Courses | Credit Hours |
|---|---|--------------|
| A. Essential Skills (9 Semester Hours) | ENGL 1101 | 3 |
| | ENGL 1102 | 3 |
| | MATH 1113 | 4 |
| B. Institutional Options (4 Semester Hours) | DVRS 1101 | 1 |
| | (choose one) ANTH 1102, 1104; COMM 1110, 2000, 2010; HIST 1111, 1112; POLS 2401; SOCI 2501; SABR 2001 | 3 |
| C. Humanities/Fine Arts (6 Semester Hours) | (choose one) ENGL 2111, 2112; HUMN 2111, 2112 | 3 |
| | (choose one) ARTS 2205; ENGL 2111, 2112, 2121, 2122, 2131, 2132; HUMN 2111, 2112; MUSI 1100; PHIL 2010; THEA 1100; or any 3-hour foreign language | 3 |
| D. Science, Mathematics, Technology (11-12 Semester Hours) | CHEM 1211K, 1212K; (choose one) ASTR 1010/1010L, 1020/1020L; BIOL 2000/2000L; CSCI 1301; PHSC 1011/1011L; PHYS 1111K, 1112K, 2211K, 2212K; MATH 2253, 2254, 2255 SCIE 1111/1111L, 1121/1121L | 8 4 |
| E. Social Sciences (12 Semester Hours) | HIST 2111 or 2112 | 3 |
| | POLS 1101 | 3 |
| | (choose two) ECON 2105, 2106; HIST 1121, 1122, 2100, 2111, 2112, 2200, 2220; POLS 2100, 2200, 2401; PSYC 1101, 2101, 2201; SOCI 1101, 1160, 2293 | 6 |
| F. Courses Related to the Program of Study (18 Semester Hours) | BIOL 2107K | 4 |
| | BIOL 2108K | 4 |
| | CHEM 2401K | 4 |
| | CHEM 2402K | 4 |
| | Two excess hours from Area D and Area A | 2 |
| Physical Education Requirements | HLTH 1103 Physical Education | 2 2 |
| Completion of the AS From South Georgia State College or transferred | | 64 |

| PRE-PROFESSIONAL TRACK | Credit Hours | NATURE & ECOLOGY TRACK | Credit Hours |
|---|--------------|---|--------------|
| BIOL 2210K Anatomy and Physiology I | 4 | BIOL 2215K Microbiology | 4 |
| BIOL 2211K Anatomy and Physiology II | 4 | BIOL 3100 Biochemistry | 3 |
| BIOL 2215K Microbiology | 4 | BIOL 3130 Principles of Genetics | 3 |
| BIOL 3100 Biochemistry | 3 | BIOL 3133 Evolution and Ecology | 3 |
| BIOL 3130 Principles of Genetics | 3 | BIOL 3440K Field Biology | 4 |
| BIOL 3133 Evolution and Ecology | 3 | BIOL 3500K Ecology | 4 |
| BIOL 3400 Cell Biology | 3 | BIOL 3545K Vertebrate Zoology | 4 |
| BIOL 3440K Field Biology | 4 | BIOL 3630K Freshwater Ecosystems | 4 |
| BIOL 3910 Topics in Biology | 6 | BIOL 3910 Topics in Biology | 6 |
| BIOL 4090 Conservation Biology | 3 | BIOL 4090 Conservation Biology | 3 |
| PHIL 3150 Professional Ethics | 3 | BIOL 3950K Ornithology | 4 |
| BIOL 4500 Introduction to Biological Research | 3 | BIOL 4500 Introduction to Biological Research | 3 |
| BIOL 4501 Senior Seminar | 3 | BIOL 4501 Senior Seminar | 3 |
| BIOL 3500K Ecology | 4 | MATH 2280 Statistics | 3 |
| MATH 2280 Statistics | 3 | PHIL 3150 Professional Ethics | 3 |
| Free Electives for this Track | 7 | Free Electives for this Track | 6 |
| Total Credit Hours | 60 | Total Credit Hours | 60 |
| Total Semester Hours | 124 | Total Semester Hours | 124 |

All Courses in the B.S.B.S. degree must be completed with a grade of "C" or better. Pre-Professional Track students must take PHYS 1111K or PHYS 2211K.