## Semester Breakdown of Bachelor of Science in Life Sciences, Baccalaureate/Osteopathic Physician Program

### 1st Semester
- CHEM 110 (General Chemistry I) \(4\)
- BIOL 110 (General Biology I) \(4\)
- MATH 170 \(4\)
- FCWR 101 \(3\)
- FCSC 101 \(3\)
- **Total Credits** \(18\)

### 2nd Semester
- CHEM 150 (General Chemistry II) \(4\)
- BIOL 150 (General Biology II) \(4\)
- MATH 180 \(4\)
- FCWR 151 \(3\)
- FCSP 105 \(3\)
- **Total Credits** \(21\)

### 3rd Semester
- CHEM 210 (Organic Chemistry I) \(4\)
- BIOL 410 (Genetics) \(4\)
- MATH 235 \(3\)
- PHYS 175 \(5\)
- FCWR 302 \(3\)
- **Total Credits** \(19\)

### 4th Semester
- CHEM 250 (Organic Chemistry II) \(4\)
- BIOL 330 (Microbiology) \(4\)
- BIOL 310 (Human Physiology) \(4\)
- PHYS 185 \(5\)
- Interdisciplinary Seminar* \(3\)
- **Total Credits** \(20\)

### 5th Semester
- BIOL 425 (Biomedical Research I) \(4\)
- BIOL/CHEM Option \(4\)
  - (Histology, Embryology, Cell Physiology OR Quant Analysis)
- BIOL 340 (Biochemistry) \(4\)
- Interdisciplinary Seminar* \(3\)
- Elective Course \(3\)
- **Total Credits** \(21\)

### 6th Semester
- BIOL 155 (Osteopathic Principles) \(1\)
- BIOL 315 (Neuroscience) \(3\)
- BIOL 220 (Comparative Anatomy) \(4\)
- Interdisciplinary Seminar* \(3\)
- Elective Course \(3\)
- **Total Credits** \(17\)

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*Interdisciplinary Seminar - Student must take one from EACH of the following subjects
  Literature (ICLT), Behavioral Science (ICBS), Social Science (ICSS), Philosophy (ICPH)

Total Credits granted in Semesters 1-6 is 116
B.S. degree credits to be completed within the Doctor of Osteopathic Medicine Program
Credits granted upon successful completion of First Year at NYCOM is 13
Total Credits required for Bachelor’s Degree is 128

**B.S./D.O. Students are required to meet a semester GPA of a 3.5 or higher**

Modified 10/12/2010