

# Sample Course of Study

## Biomedical Science Program



UNIVERSITY OF SOUTH CAROLINA BEAUFORT

This sample course of study is intended to serve as an example. In practice, variations in the sequencing of courses are common and would depend on what courses were completed prior to joining the degree completion program.

### Freshman Year - Fall

Course	Credits
ENGL B101 English Composition	3
MATH B111 or B115 Algebra or Precalculus	3(4)
BIOL B101 Biological Principles I	4
PSYC B101 Psychology	3
BIOL B290 Biology or B100 Honors Seminar	1
<b>Total Credits</b>	<b>14+</b>

### Sophomore Year – Fall

Course	Credits
BIOL B301 Ecology & Evolution (w/Lab) or BIOL B303 Fundamental Genetics	4
	3
CHEM B112 General Chemistry II	4
MATH B141 or B142 Calculus I or II*	4
GE/Elective or Foreign Language	3
BIOL B301 Ecology & Evolution (w/Lab) or BIOL B303 Fundamental Genetics	4
	3
<b>Total Credits</b>	<b>17</b>

### Junior Year – Fall

Course	Credits
BIOL B301 Ecology & Evolution (w/Lab) or BIOL B303 Fundamental Genetics	4
	3
CHEM B334 Organic Chem. II	3
CHEM B332L Organic Chem. II Lab	1
PHYS B2X1† Physics I	3
PHYS B2X1L† Physics I Lab	1
GE/Electives	6
<b>Total Credits</b>	<b>14+</b>

### Senior Year – Fall

Course	Credits
BIOL 441 Biochemistry (req'd) and	3
BIOL 441 Biochemistry Lab (req'd)	1
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
GE/Elective	3
GE/Elective	3
GE/Elective	3
<b>Total Credits</b>	<b>16+</b>

### Freshman Year – Spring

Course	Credits
ENGL B102 Engl. Comp & Lit	3
MATH B115 or B141 Precalculus or Calculus I*	4
BIOL B102 Biol. Principles II	4
CHEM B111 Gen. Chemistry I	4
<b>Total Credits</b>	<b>15</b>

### Sophomore Year - Spring

Course	Credits
BIOL B302/302L Cell & Molecular Biology with Lab.	4
CHEM B333 Organic Chemistry I (w/Lab)	3
CHEM B331L Organic Chem. I Lab	1
MATH B142 Calculus II* or GE/Elective	4(3)
Foreign Language	3
<b>Total Credits</b>	<b>14+</b>

### Junior Year - Spring

Course	Credits
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
STAT B201 Elementary Stats	3
GE/Elective	3
GE/Elective	3
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
<b>Total Credits</b>	<b>14+</b>

### Senior Year - Spring

Course	Credits
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
BIOL B399+ BioMed Biology Elective (w/ Lab)	3(4)
GE/Elective	3
GE/Elective	3
<b>Total Credits</b>	<b>13+</b>