Students may choose to complete a 50 credit hour concentration. The lists below represent SUGGESTED courses that would provide a pathway supporting various careers.

**Pre-Health career pathway:**

**Molecular Menu suggestions**
- BIOL 4147 Biochemistry of Macromolecules (3)—spring semester
- *BIOL 4157 Biochemistry of Macromolecules Lab (2)—spring semester*
- BIOL 4167 Biochemistry of Metabolism (3)—fall semester
- *BIOL 4177 Biochemistry of Metabolism Lab (2)—fall semester*

**Organismal Menu suggestions**
- BIOL 3260 Animal Physiology (4)

**Population Menu suggestions**
- BIOL 4360 Evolution (3)—fall & spring semester

**Biodiversity Menu suggestions**
- HSCI 3320 General Microbiology (4)—fall & spring semester

**Electives suggestions**
- BIOL 3150 Cell Biology (3)—fall & spring semester
- BIOL 3151 Cell Biology Lab (2)—fall & spring semester
- BIOL 3141 Genetics Lab (2)—fall & spring semester
- BIOL 4597 Recombinant DNA Lab (3)—spring semester
- BIOL 4647 Molecular Biology (3)—fall semester
- BIOL 3320 Comparative Anatomy (4)—fall semester
- BIOL 3410 Vertebrate Zoology (4)—fall semester
- BIOL 3230 Vertebrate Embryology (4)—spring semester
- BIOL 4277 Neurobiology (4)—fall semester
- BIOL 4900 Independent Study (1-4)—every semester
- BIOL 4910 Research in Biology (1-4)—every semester