Department of Biology: Integrative Biology Track
For advising purposes only

**INTRODUCTORY COURSES**
- BIOL 141 Foundations of Modern Biology I (Cell Biology and Genetics) LECTURE (3 credit hours)
- BIOL 141L Foundations of Modern Biology I LAB (2 credit hours)
- BIOL 142 Foundations of Modern Biology II (Molecular Biology and Developmental Genetics) LECTURE
- BIOL 142L Foundations of Modern Biology II LAB (2 credit hours)

**COLUMN COURSES**
One from each column. Additional courses can be counted as electives.

**Column A:**
- BIOL 223 Developmental Biology (3 credit hours)
- BIOL 250 Cell Biology (3 credit hours)
- BIOL 264 Human Genetics (4 credit hours)

**Column B:**
- BIOL 240 Organismal Form and Function (3 credit hours)
- BIOL 360 Introduction to Neurobiology (3 credit hours)
- BIOL 370 Introduction to Microbiology (4 credit hours)

**Column C:**
- BIOL 241 Evolutionary Biology (4 credit hours)
- BIOL 247 Ecology (3 credit hours)
- BIOL 329 Coastal Biology, with Laboratory (4 credit hours)

**BIOLOGY ELECTIVES**
4 ELECTIVES (12 hours minimum) (Any combination of classes including labs)

**CHEMISTRY/PHYSICS COURSES**
- CHEM 150 Structure and Properties (3 credit hours)
- CHEM 150L Structure and Properties Lab (2 credit hours)
- CHEM 202 Principles of Reactivity (3 credit hours)
- CHEM 202Z Principles of Reactivity (3 credit hours)
- CHEM 202L Principles of Reactivity Lab (2 credit hours)
- CHEM 202ZL Principles of Reactivity Lab (2 credit hours)
- CHEM 203 Advanced Reactivity (3 credit hours)
- CHEM 203Z Advanced Reactivity (3 credit hours)
- CHEM 203L Advanced Reactivity Lab (2 credit hours)
- CHEM 203ZL Advanced Reactivity Lab (2 credit hours)
- PHYS 141 Intro Physics I W/Lab (4 credit hours)
- PHYS 151 Physics for Scientists and Engineers I W/Lab (4 credit hours)

**MATH COURSES**
- MATH 111 Calculus I (3 credit hours)
- MATH 116 Life Sciences Calculus II (4 credit hours)
- QTM 100 Intro to Stat Inference (4 credit hours)

**MED SCHOOL REQUIREMENTS**
Required by some medical schools (but not required for the Biology BS degree)
- CHEM 204 Macromolecules (3 credit hours)
- CHEM 204L Macromolecules Lab (2 credit hours)
- PHYS 142 Intro Physics II W/Lab (4 credit hours)
- PHYS 152 Physics for Scientists and Engineers II w/Lab (4 credit hours)