1. **Introductory Biology**

Biology 1102 OR Biology 1109

1. **Molecular and Cellular Biology—4 courses**

Biol 2112: Genetics and Molecular Biology – Spring

Biol 2124: Biochemistry and Cell Biology - Fall

Biol 2316: Evolution – Spring

or

Biol 2130: Population Genomics - Fall

Biol 2175: Developmental Biology - Fall

or

Biol 2118: Microbiology - Spring

1. **Chemistry—2 courses**

Chemistry 1092 **or** Chemistry 1102 **or** Chemistry 1109 **or** any Chemistry above 1200

Chemistry 2250: Organic Chemistry I – Fall

1. **Physical, Mathematical, Statistical, or Computational—2 courses (each from a different group below)**

Computer Science(above 1100) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Physics (above 1100) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math(above 1299)or Psychology 2520 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Advanced Topics in Molecular and Cellular Biology—1 course**

Biol 2551: Molecular Ecology

Biol 2553: Neurophysiology

Biol 2566: Molecular Neurobiology

Biol 2557: Immunology

Biol 3304: The RNA World

Biol 3307: Evolutionary Developmental Biology

Biol 3310: Advanced Evolution

Biol 3314: Advanced Genetics and Epigenetics

Biol 3317: Molecular Evolution

Biol 3318: Advanced Molecular Microbiology

Biol 3333: Advanced Cell and Molecular Biology

1. **Seminar in Molecular and Cellular Biology—1 course not counted above**

Biol 3304: The RNA World

Biol 3307: Evolutionary Developmental Biology

Biol 3310: Advanced Evolution

Biol 3314: Advanced Genetics and Epigenetics

Biol 3317: Molecular Evolution

Biol 3318: Advanced Molecular Microbiology

Biol 3333: Advanced Cell and Molecular Biology

1. **Elective: Additional Biological Science course – 1 course**

Biol 1101: Biological Principles I – Fall

Any Biology course numbered 2000 or higher not counted above

Chemistry 2320: Biochemistry