A minimum of 21 units with the following distribution:

1. **Foundation requirements – 4 units, all as follows:**
   - BI 213 *Cells, Genes and Evolution* (fall & spring)
   - BI 215 *Biodiversity and Ecology* (fall & spring) (prerequisite: BI 213)
   - BI 217 *Forms and Functions of Life* (fall & spring) (prerequisite: BI 213)
   - BI 221 *Biostatistics and Experimental Design* (fall & spring)

2. **Upper level requirements – 2 units, both as follows:**
   - BI 350 *Cell Physiology* (fall) (prerequisites: all four foundation courses; CH 112)
   - BI 360 *Molecular Genetics* (spring) (prerequisites: BI 213, 217; CH 112)

3. **Major Core requirements – 4 units, all as follows:**
   - NS 310 *Cellular Neuroscience* (fall)
   - NS 320 *Functional Neuroanatomy* (spring)
   - PS 351 *Drugs, Brain and Behavior* (spring)
   - PS 442 *Physiological Psychology* (fall even year)

4. **Upper level electives – 2 units, from the following:**
   - 2 units 300-level or higher
   - 1 unit 300-level or higher & 1 unit Physical Science or Math
   - Research Track (MCB 493, MCB 494)

5. **Cognate Courses – 7 units:  4 units in Chemistry, 2 units in Physics, and 1 unit in Math:**
   - CH 111 *General Chemistry I* (fall)
   - CH 112 *General Chemistry II* (spring) (prerequisite: CH 111)
   - CH 211 *Organic Chemistry I* (fall) (prerequisites: CH 111, 112)
   - CH 212 *Organic Chemistry II* (spring) (prerequisite: CH 211)
   - MA 121 *Analytic Geometry & Calculus I* (fall, spring)
   - PY 131 *Elements of Physics I* (fall)
   - PY 132 *Elements of Physics II* (spring) (prerequisite: PY 131)
     or
   - PY 141 *General Physics I* (fall) (co-requisite: MA 121)
     - PY 142 *General Physics II* (spring) (prerequisite: PY 141, MA 122)

September 2022
6. Senior Learning Community – 2 units:

   _____ NS 400E Experiential Component (zero units) (fall, spring, summer) (permission of SLC coordinator required)
   _____ BI 400 Senior Thesis in Biological Sciences (fall, spring) (prerequisite: MCB 400E)
   _____ NS 491 Advances in Neuroscience (spring) (prerequisites: BI 213, 215, 217, 221, NS 310, 320, PS 351, 442)
       (permission of the instructor)