I. Biology Requirements: Minimum 40 hours (with a grade of C or better):

A. Foundations courses (8 hours):
- BIO 181 Unity of Life I 3
- BIO 182 Unity of Life II 3

AND
- BIO 181L Unity of Life I Lab 1
- BIO 182L Unity of Life II Lab 1

B. Junior Writing courses (5 hours) Choose one option:
- Option 1:
  - BIO 326 Principles of Ecology 3
  - BIO 326L Ecology Lab 1
  - BIO 305W Writing in Biology Lab 1
- OR
- Option 2:
  - BIO 205 Microbiology 3
  - BIO 205L Microbiology Lab 1
  - BIO 305W Writing in Biology Lab 1

C. Senior Capstone courses (3-4 hrs) Choose one from:
- BIO 425C Animal Physiology/Lab 3/1
- BIO 444C Human Physiology 4
- BIO 401C Immunobiology 4
- BIO 488C Medical Microbiology 4

D. Biology Electives (23-24) from any course with a BIO prefix except BIO 100, 100L, 310, or any BIO recitation courses:

II. Required Math & Science Support: 24-37 hours

A. Mathematics (Choose one option):
- Option 1: (7-8 hours) MAT 125 Precalculus 4
- AND
- STA 270 Applied Statistics 3
- OR
- PSY 230 Intro to Statistics 4

- Option 2: (4 hours) MAT 136 Calculus I 4

B. Chemistry (Choose one option):
- Option 1: (16/17 hours)
  - CHM 151 Gen Chemistry I 4
  - CHM 151L Gen Chem Lab I 1
  - CHM 152 Gen Chemistry II 3
  - CHM 152L Gen Chem Lab II 1
  - CHM 230 Fund Org Chemistry 3
  - CHM 230L Fund Org Chem Lab 1
  - CHM 235 Gen Organic Chem I 4
  - CHM 235L Gen Organic Chem I Lab 1
  - CHM 360 OR CHM 461 Biochemistry 3

- Option 2: (20 hours)
  - CHM 151 Gen Chemistry I 4
  - CHM 151L Gen Chem Lab I 1
  - CHM 152 Gen Chemistry II 3
  - CHM 152L Gen Chem Lab II 1
  - CHM 230 Fund Org Chemistry 3
  - CHM 235 Gen Organic Chem I 4
  - CHM 360 OR CHM 461 Biochemistry 3

C. Physics (8 hours) (Choose one option):
- Option 1: PHY 111/111L AND PHY 112/112L General Physics I & II 4/4
- Option 2: PHY 161/161L AND PHY 262/262L Univ. Physics I & II (requires calculus II) 4/4