### CELL BIOLOGY AND PHYSIOLOGY EMPHASIS CHECK LIST

#### UNIQUE REQUIREMENTS

- [ ] Math 152 or 243 or 250
- [ ] Chemistry 102
- [ ] Chemistry 104
- [ ] Chem. 251 – Organic Chem. I
- [ ] Chem. 252 – Organic Chem. II
- [ ] Biology 200 or Eng 371
- [ ] Biology 303 or Psych 215

Physics 140 & 141 (or 180/181) are recommended

#### CELL BIO/PHYSIOLOGY EMPHASIS

- [ ] Bio 141 – Bio I
- [ ] Bio 142 – Bio II
- [ ] Bio 251 – Intro. to Genetics
- [ ] Bio 253 – Intro. to Cell Biology
- [ ] Bio 254 – Biotech Lab Methods I
- [ ] Bio 257 – Intro. to Ecology
- [ ] Bio 311 (Micro) or 363 (Molecular)
- [ ] Bio 390 – Colloquium (.5 units)
- [ ] Bio 400 – Senior Colloquium (.5 units)
- [ ] One – Six units from the following:
  - At least 3 courses from the following:
    - Bio 301 Behavioral Neuroscience
    - Bio 311 Microbiology
    - Bio 340 Comp Vertebrate Anatomy
    - Bio 341 Developmental Biology
    - Bio 345 Animal Physiology
    - Bio 361 Human Anat & Phys I
    - Bio 362 Human Anat & Phys II
    - Bio 363 Molecular Biology
    - Bio 364 Biotech Lab Methods II
    - Bio 412 Immunology
    - Bio 448 Bioinformatics
    - Bio 456 Biochemistry
    - Bio 458 Research in Biochemistry
- [ ] Select additional units of Bio electives Numbered 300 or above, excluding Bio 303, Bio 493, Bio 498, and 498R to total 40 units

An approved MINOR is required for this major

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[ ] Total 40 credits in the emphasis