### UNIVERSITY REQUIREMENTS (30-46 UNITS)

**University Composition Requirement** (3-6 units)
- **ENGL 101 First-Year Composition**
- **ENGL 102 First-Year Composition**
- OR **ENGL 109H First-Year Comp. Honors**

**Mathematics - Strand 'S'** (6-8 units)
- MATH 122A/122B Calculus I w/Applications 1/4
- OR MATH 125 Calculus I AND
- MATH 129 Calculus II OR
- MATH 263 (Biostats) OR BIOS 376 (Biostats)

**Second Language** (0-8 units)
- Complete one of the following:
  - Pass a language proficiency exam at 2nd semester level
  - Complete courses through 2nd semester proficiency

**General Education** (21-24 TOTAL UNITS)

**Tier 1**
- **Individuals & Society** (150 a,b,c)
  - 1 ___________________________ 3
  - 2 ___________________________ 3

**Tier 2**
- **Traditions & Cultures** (160 **a,b,c,d**)
  - 1 ___________________________ 3
  - 2 ___________________________ 3

**Diversity Emphasis**
- ___________________________ 3

**Mid-Career Writing Assessment**
- Satisfied by a grade of A or B in ENGL 102 or 109H

### SCIENCE REQUIREMENTS (32 units)

- **CHEM 151 General Chemistry I**
- **CHEM 152 General Chemistry II**
- **CHEM 241a Lecture in Organic Chem I**
- **CHEM 243a Organic Chemistry Lab**
- **CHEM 241b Lecture in Organic Chem II**
- **CHEM 243b Organic Chemistry Lab**
- **MCB 181R Introductory Biology I**
- **MCB 181L Introductory Biology Lab I**
- **ECOL 182R Introductory Biology II**
- **ECOL 182L Introductory Biology Lab II**
- **PHYS 102 Introductory Physics I**
- **PHYS 181 Introductory Physics Lab I**
- **PHYS 103 Introductory Physics II**
- **PHYS 182 Introductory Physics Lab II**

### ELECTIVES

### PHYSIOLOGY MAJOR (30 UNITS MINIMUM)

**Required Courses** - - - - - - - - - - - - - - - - - (17 units)
- **PSIO 201 Human Anat & Physiol I** (F, S, SSII)
- **PSIO 202 Human Anat & Physiol II** (F, S, SSII)
- **PSIO 303 Integrative Cellular Physiol (F)**
- **PSIO 305 Integrative Systems Physiology (S)**
- **BIOL 384 Foundations in Biochemistry**
- **BIOL 385 Metabolic Biochemistry**

**Students must be a declared Physiology major to enroll in PSIO 300 & 400 level courses. "C" grade or higher required for PSIO 201 & 202.

**PSIO Elective Courses** - - - - - - - - - - - - - - - - - - - - - - - (13 units)

**Select ***3 courses from among the following:** (9 units)
- **PSIO 404 Adv. Topics in Cellular Physiol (S)**
- **PSIO 411 Scientific Mthds & Prof Ethics (F, S)**
- **PSIO 420 Exercise & Environ Physiol (F, S)**
- **PSIO 425 Meas & Eval Physiol Function (F, S)**
- **PSIO 426 Extreme Physiology (SSII)**
- **PSIO 427 Metabolism and Disease (F, S)**
- **PSIO 431 Physio of Immune System (F, SSII)**
- **PSIO 450 Respiratory Physiology (S)**
- **PSIO 452 Digestive Physiology (F, S, SSII)**
- **PSIO 465 Systems Neurophysiology (S)**
- **PSIO 467 Endocrine Physiology (F)**
- **PSIO 469 Human Reproductive Physiology (S)**
- **PSIO 472 Quantitative Models of Bio Sys (F)**
- **PSIO 484 Cardiovascular/Muscular Biology (S)**
- **PSIO 485 Cardiovascular Physiology (F, S)**
- **PSIO 487 Physiology of Aging (F)**
- **PSIO 489 Current Issues in Physiology (S)**

**Upper Division Units:**

**GPA:**

**Optional Courses**

**Courses below cannot substitute for above PSIO Elective Courses**
- **PSIO 295H Intro to Honors Physiology (SS)**
- **PSIO 391 Preceptorship (F, S)**
- **PSIO 395a PhysioConnects A (A)**
- **PSIO 395b PhysioConnects B (F)**
- **PSIO 399/399H/499/499H Independent Study**
- **PSIO 492 Directed Research (F, S)**
- **PSIO 495H Senior Honors Thesis Preparation (F)**
- **PSIO 498H Senior Honors Thesis (F)**
- **PSIO 495K Inflam/Disease Colloq. (F)**
- **PSIO 495S Sex Matters in Medicine (F)**

Required: A minimum of 42 units of upper-division credit. The physiology provides 22 of these upper-division units; the remaining 20 units must be taken.

**Tiers 2 upper division or as elective courses. Upper division are numbered.

**TOTAL units for degree = 120**

**Note:** Students are responsible for meeting all requirements for degree.