5A. Cognate Sciences Core (31-33 hours)

Chemistry Placement Test: CHM1025 Intro to Chemistry __

CHM 2045C Chemistry Fundamentals I          4
CHM 2046 Chemistry Fundamentals II            3
CHM 2046L Chemistry Fundamentals Lab         1
CHM 2210 CHM 2205   3/5
CHM 2211 or CHM 3120   3/5
CHM 2211L CHM 3120L   2/1

PHY 2053C (or +L) or PHY 2048C (or +L)   4.3/4
PHY 2054C (or +L) or PHY 2049C (or +L)   4/3/4

Math Placement Test: MAT1033C, MAC1105C, MAC1114C, MAC 1140
MAC 2311 or MAC 2233 or MAC 2253 Calculus        4
STA 2023 Statistical Methods I                  3

5B. Lab requirement - Two labs
At least one of these labs must come from section A - Core.

A - Core:
  • PCB 3044L – Ecology lab
  • PCB 3063L – Genetics lab
  • PCB 4683L – Evolutionary Biology Lab

B - Non-Core: designated with __

6. 22 hours of restricted electives are required, with following stipulations:
  22 hours of restricted electives
  Courses must be selected from the following list.
  Include one course exclusively on animals (marked a __)
  and one course exclusively on plants (marked p __)
  at least 10 of the 22 hours must be courses offered by the Department of Biology (designated with an __)
  Independent Study/Directed Research: May include a maximum of 4hrs
  Towards restricted electives - (Completed with Biology Faculty)
  At least 10 of the 22 hours must be courses taken by seniors with prior permission of course instructor.
  You will be charged graduate level tuition.

Required Electives (choose one of the following) (3-4 hours)
  a. PCB 4723* Animal Physiology __4__
  b. PCB 4513* Animal Behavior __3__

**Classes that satisfy the Required Electives cannot duplicate towards this section. If you take both Required Electives, one will count here.**

Restricted Electives (choose from the following) (11-12hrs)
  a. PCB 4723* Animal Physiology __4__
  b. ZOO 4513* Animal Behavior __3__
  c. ANT 3550C Primatology __3__
  d. ENS 4094C* General Entomology __4__
  e. PAZ 4234* Zoological Mgmt __3__
  f. ZOO 3454* Ichthyology __3__
  g. ZOO 3713* Comp Vert Anat __5__
  h. ZOO 3272* Ornithology __3__
  i. ZOO 4205C Invertebrate Biodiversity __4__
  j. ZOO 4310C* Vet Ecol and Eco __3__
  k. ZOO 4405C* Sea Turtle Internship __3__
  l. ZOO 4462C* Herpetology __3__
  m. ZOO 4480* Mammalogy __4__
  n. ZOO 4480L* Mammalogy Lab __1__
  o. ZOO 4603C* Embryology/Devlop __5__
  p. ZOO 4756C* Comp Vert Histology __3__
  q. ZOO 4910L* Res Exp in Zoo Env __3__

Note: If all requirements are satisfied on the road map, your major is satisfied.
Please consult with COSAS for a final graduation check on all university requirements.