I. General Education Program (36 Hours)
   a. Communications
      1. ENC 1101
      2. ENC 1102
      3. SPC 1603, SPC 1608, COM 1000
   b. Cultural & Historical Foundations
      4. EUH 2000 or AMH 2010 or HUM 2210 or WOH2102
      5. One of: ARH 2050, ARH 2051, MUL 2010, PHI 2010, LIT 2110, LIT 2120, THE2000, FIL 1000 or REL2300
   c. Mathematics
      6. One additional course from Group 4 or 5
   d. Social Foundations
      7. MAC 2311
      8. STA 2023
   e. Science Foundations
      10. One of: ECO2013, ECO 2023 or POS 2041
   f. Science Electives
      11. CHM 2045C
      12. BSC 2010C
   g. Social Science Electives
      13. Major Electives

II. Departmental Residency Requirement: ________ of 22
   22 hours of regularly scheduled upper division courses must be taken in the UCF Biology Department.

III. Major Requirements
   a. A minimum of 2.0 in all UCF courses taken in common program prerequisites, Biology core, and upper division restricted electives.
   b. A minimum of a C (2.0) in all Biology offered Core Classes is required for graduation.
   c. Exit Exam- to be completed upon completion of Biology core courses

IV. University Requirements:
   a. 9 hours of summer enrollment (total) in academic career, ____________ of 9
   b. At least 2.0 needed: UCF GPA, Major GPA
   c. 48 hours 3xxx-4xxx level – 35 Biology requires= 13 hours left (to be satisfied with free elective or minor) ______ of 13

V. Biology core courses (21 hours)
   a. BSC 2010C: Gen Biology ________4
   b. BSC 2011C: Biology 2 ________4
   c. PCB 3023: Molec Cell Bio ________3
   d. PCB 3044: Ecology ________3
   e. PCB 3063: Genetics ________3
   f. PCB 4683: Evolutionary Biology ________4
   g. Cognate Sciences Core (31-33 hours)
      CHM 2045C (or CHM 2040_2041) ________4/3
      CHM 2046 ________3
      CHM 2046L ________1
      CHM 2210 or CHM 2205 ________3/3
      CHM 2211 or CHM 3120 ________3/5
      CHM 2211L or CHM 3120L ________2/1
      PHY 2053C or PHY 2048& L ________4
      PHY 2054C or PHY 2049& L ________4
      MAC 2311 ________4
      STA 2023 ________3

VI. 22 hours of restricted electives are required, with following stipulations: ________ of 22
   a. Courses must be selected from those listed below
   b. Include one course exclusively on animals (marked a), and one exclusively on plants (marked p).
   c. At least 10 of the 22 hours must be courses offered by the Department of Biology (designated with an *).
   d. Independent Study/Directed Research: May include a maximum of 3 hours towards restricted electives. (Completed with Biology Faculty)
   e. 5000 level courses may be taken by seniors with prior permission of course instructor. You will be charged graduate level tuition.

   Form and Function
   BHC 4053 Biochemistry 1 ________3
   BHC 4054 Biochemistry 2 ________3
   BOT 4282L* Plant Microtechniques ________2
   p. BOT 4223C* Plant Anatomy ________4
   p. BOT 4303C* Plant Kingdom ________5
   p. BOT 4503C* Plant Physiology ________4
   BSC 4445C* Genomics Lab ________4
   PCB 3063L* Genetics Lab ________1
   PCB 3703C Human Physiology ________4
   PCB 3233 Immunology ________3
   PCB 4514* Genetics 2 ________3
   PCB 3522 Molec Bio 1 ________3
   PCB 4524 Molec Bio 2 ________3
   PCB 4678* Evolution in Medicine ________3
   PCB 4683L* Evol. Biology Lab ________3
   PCB 4684* Population Genetics ________3
   a PCB 4723* Animal Physiology ________4
   a ZOO 3713C* Comp Vert Anat ________5
   ZOO 3733C Human Anatomy ________4
   a ZOO 4603C* Embryology/Develop ________5
   a. ZOO 4750C* Vert History ________4

   Environmental
   p. BOT 3015* Principles of Plant Science ________3
   p. BOT 3018C* Culinary Botany ________3
   p. BOT 3802* Ethnobotany ________3
   p. BOT 4922* Plant Science Capstone ________2
   p. BOT 4850* Medicinal Botany ________3
   BSC 3052* Conservation Biol ________3
   BSC 3312* Princ Marine Biol ________3
   BSC 4312C* Adv Marine Biol ________4
   BSC 4330* Invasion Biology ________3
   BSC 3453* Bio Res. Meth & Exp Design ________3
   BSC 4861L* Urban Ecology ________3
   BSC 5258L* Trop Bio Research ________3
   BSC 4821* Biogeography ________4
   BSC 5316* Marine Conservation ________4
   a. ENY 3571* Honey Bee Bio/Beekeeping ________3
   OCE 3008* Oceanography ________3
   a. PAZ 4234* Zooq Aquarim Mgt ________3
   PCB 3044L Ecology Lab ________1
   PCB 3343L* Princ Field Ecology ________V
   PCB 3354* Tropic Ecology & Cons. ________3
   PCB 3355C* Tropical Marine Bio ________2
   PCB 3442* Aquatic Ecology ________3
   PCB 4320L Wetland Eco & Biogeochem ________4
   PCB 4353* FL Natural History ________3
   PCB 4402* Disease Eco & Immunology ________3
   PCB 4575* Wildlife Genomics ________3
   PCB 5326C* Ecosystems of Fl ________5
   PCB 5435C* Marine Ecology of Fl ________4
   PCB 5485* Models in Ecology ________3
   a ZOO 4513* Animal Behavior ________3
   a. ZOO 4910L* Res Exp in Zoo Env ________3

   Systematic
   a. ANT 3550 Primatology ________3
   BOT 4434C* Mycology ________4
   p. BOT 4713C* Plant Taxonomy ________5
   a. ENY 4004C* General Entomology ________4
   MCB 3020C Gen Microbiology ________5
   a ZOO 4205C* Bio and Eco Meta Inv ________4
   a ZOO 4310C* Vert Evo and Eco ________4
   a ZOO 4480* Mammalogy ________3
   ZOO 4480L* Mammalogy Lab ________1
   a ZOO 4462C* Herpetology ________4
   a ZOO 3454* Ichthyology ________3
   a ZOO 3xxx* Ornithology ________3