I. University Requirements
   - UCF General Education Program
   - 120 Total Credit Hours
   - 48 Upper Level Credit Hours
   *Refer to your degree audit to ensure all University requirements are Satisfied

II. Major Requirements
   - Students must maintain a 3.2 Science GPA to graduate with this degree.

A. Core Curriculum

   Life Sciences
   - BSC 2010C   Biology I      4 hrs
   - PCB 3233 -OR- PCB 4280 Immunology or Molecular Immunology 3 hrs
   - PCB 3233L Immunology Lab 1 hr
   - MCB 3020C General Microbiology 5 hrs
   - BSC 3403C Quantitative Biological Methods 4 hrs
   - PCB 3522 Molecular Biology I 3 hrs
   - PCB 4524 Molecular Biology II 3 hrs
   - MCB 4224 Molecular Biology of Diseases 3 hrs
   - PCB 4843 Cellular and Molecular Neuroscience 3 hrs
   - ZOO 3744 Neurobiology 3 hrs
   - ZOO 4743C Clinical Neuroanatomy and Neuroscience 4 hrs

   Chemistry
   - CHM 2045C* Chemistry Fundamentals I 4 hrs
     *Prerequisites: Passing Score on Chemistry Placement Exam or CHM 1025
   - CHM 2046 Chemistry Fundamentals II 3 hrs
   - CHM 2046L Chemistry Fundamentals Lab 1 hr
   - CHM 2210 Organic Chemistry I 3 hrs
   - CHM 2211 Organic Chemistry II 3 hrs
   - CHM 2211L Organic Laboratory Techniques I 2 hrs
   - BCH 4053 -OR- BCH 4024 Biochemistry I or Medical Biochemistry 3 hrs/4 hrs

   Math
   - MAC 2311C Calculus with Analytic Geometry I* 4 hrs
     *Prerequisites: MAT 1033C, MAC 1105C, MAC 1114C, MAC 1140C
   - STA 2023 Statistical Methods I 3 hrs

   Physics
   Select One Sequence:
   - PHY 2053C (or PHY 2053+2053L) College Physics I 4 hrs
   - PHY 2054C (or PHY 2054+2054L) College Physics II 4 hrs
   - PHY 2048C (or PHY 2048+2048L) General Physics Using Calculus I 4 hrs
   - PHY 2049C (or PHY 2049+2049L) General Physics Using Calculus II 4 hrs

B. Restricted Electives
   Must take at least 3 restricted elective courses (at least 2 must have a lab component and only 1 can be chosen from the full list of Biomedical Sciences restricted electives).
   - PCB 3703C Human Physiology
   - PCB 4028 Molecular and Cell Pharmacology
   - PCB 4135 Applied Molecular Cell Biology
   - PCB 4174 Foundation Bio-Imaging Science
   - PCB 4234 Cancer Biology
   - PCB 4284 Immunobiology
   - PCB 4832 Cell and Molec Basis of Brain Func
   - ZOO 4742 Advanced Neurobiology
   - ZOO 4747C Clinical Neuroscience

Note: Participating in AIM, GEAR, HIM (with approval), PILOT, or PURE will substitute for one lab restricted elective.