BIOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- BSC 1010/1010L Introduction to Biology I-Cellular Processes (with lab)
  Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012

- BSC 1011/1011L Introduction to Biology II-Diversity (with lab)
  Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013

- CHM 1045/1045L General Chemistry I (with lab)

- CHM 1046/1046L General Chemistry II (with lab)

- CHM 2210/2210L Organic Chemistry I (with lab)
  Acceptable substitutes: PHY 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent

- CHM 2211/2211L Organic Chemistry II (with lab)
  Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, or equivalent

- MAC X311 Calculus I
  Acceptable substitutes: MAC 2233, MAC 2253, MAC X281

- MAC X312 Calculus II
  Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Biology B.S. Major (BIO)

Upper-level Courses for the Major

Department of Biology Courses - minimum 40 credit hours

- BSC 2010 Biology I - Cellular Processes (3)
- BSC 2010L Biology I - Cellular Processes Laboratory (1)
- BSC 2011 Biology II - Diversity (3)
- BSC 2011L Biology II - Diversity Laboratory (1)
- PCB 3023 Cell Biology (3)
- PCB 3043 Principles of Ecology (3)
- PCB 3063 General Genetics (3)

ONE of the following:
- PCB 3023L Cell Biology Laboratory (1)
- PCB 3043L Ecology Laboratory (1)
- PCB 3063L Genetics Laboratory (1)

ONE of the following (with laboratory):
- BOT 3373 Vascular Plants: Form and Function (4)
- MCB 3030C General Microbiology (4)
- ZOO 3205C Invertebrate Zoology (4)
- ZOO 3713C Comparative Vertebrate Anatomy (4)
- ZOO 4603C Animal Embryology (4)
- ZOO 4753C Histology (4)

ONE of the following (with laboratory):
- BOT 4503 Plant Physiology (4)
- MCB 4404 Microbial Physiology and Genetics (5)
- PCB 4723 Animal Physiology (4)

The remaining credit hours to meet the minimum requirements must come from among structured departmental courses that are applicable to the major and BCH 3023. At least eight (8) of these credit hours must be at the 4000 level or higher. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied.

A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.