



COLLEGE OF ARTS & SCIENCES
BACHELOR OF SCIENCE: BIOMEDICAL SCIENCES

Catalog 2016/17



Students completing the following courses and requirements in combination with an AA from Hillsborough Community College will have automatically satisfied requirements to begin upper level coursework.

COLLEGE - ARTS & SCIENCES

Intended Program of Study-B.S. Biomedical Sciences

- Limited Access- **No**
- College Application Required- **No**
- Tests Required- **None**
- (College) Foreign Language Exit Required- **No**, *however, beginning with students initially entering a Florida College System institution or state university in 2014-2015 and thereafter, coursework for an associate in arts degree shall include demonstration of competency in a foreign language*

STATE MANDATED COMMON COURSE PRE-REQUISITE COURSES

C or Higher in all courses except where identified

USF Courses

BSC 2010 & BSC 2010L
 BSC 2011 & BSC 2011L
 CHM 2045 & CHM 2045L
 CHM 2046 & CHM 2046L
 CHM 2210 & CHM 2210L
 CHM 2211 & CHM 2211L
 -Select one lecture/lab combo**
 PHY 2053 & PHY 2053L, or PHY 2048 & PHY 2048L, or BSC 2093C
 -Select one lecture/lab combo**
 PHY 2054 & PHY 2054L or PHY 2049 & PHY 2049L or BSC 2094C
 MAC 2241 or 2281 or 2311**
 MAC 2242 or 2282 or 2312 or STA 2023**

HCC Course equivalencies

BSC 2010 & BSC 2010L
 BSC 2011 & BSC 2011L
 CHM 2045 & CHM 2045L
 CHM 2046 & CHM 2046L
 CHM 2210 & CHM 2210L
 CHM 2211 & CHM 2211L
 -Select one lecture/lab combo**
 PHY 2053 & PHY 2053L, or PHY 2048 & PHY 2048L,
 Select one lecture/lab combo**
 PHY 2054 & PHY 2054L or PHY 2049 & PHY 2049L
 MAC 2241 or 2281 or 2311**
 MAC 2242 or 2282 or 2312 or STA 2023**

Where needed, student must meet required pre-requisites for each course

**When there is more than one option listed, please consult your advisor to select the most appropriate course for you and your career goals.

Start Hillsborough Community College

The following course sequence is purely a suggested semester by semester plan for completion of requirements of the A.A. and pre-requisite courses. In cases where courses are not specified, students should consult the HCC advising guide to select the appropriate option A unique plan developed in consultation with an advisor at both HCC and USF may differ depending on student circumstances.

Note: In order to complete this degree at USF in 2 years, students must complete all state mandated prerequisites while completing AA coursework.

YEAR 1 HCC

FALL

ENC 1101 3
 CHM 2045 & CHM 2045L 4
 MAC 2241 or MAC 2311 5

SPRING

English II (ENC 1102) 3
 CHM 2046 & CHM 2046L 4
 MAC 2312 or STA 2023 3-5

TOTAL: 12

TOTAL: 10-12

YEAR 1 HCC

SUMMER

SPC 1608 3
 Humanities Core General Education 3
 Behavioral Science General Education 3

TOTAL: 9

YEAR 2 HCC

FALL

CHM 2210 & CHM 2210L 3
 BSC 2010 & BSC 2010L 4
 BSC 2085 & BSC 2085L 4
 History/Political Science General Education 3

SPRING

CHM 2211 + CHM 2211L 3
 BSC 2011 & BSC 2011L 4
 Behavioral Science/History/Economics General Education 3
 Humanities General Education 3
 IDS 2891 1

TOTAL: 14

TOTAL: 14

Graduate with A.A. from HCC

YEAR 2 Fall/Spring

USF START

YEAR 3 FALL USF

General Biochemistry (BCH 3053)	3
Upper-level BMS Bio/Chem Lab Elective (ex. BCH 3023L Basic Biochemistry Lab)	3
**General Physics I with lab (ex. PHY 2053/L)	3
Capstone FKL course	3
Upper-level USF Elective	3

TOTAL: 15

YEAR 4 FALL USF

Required Biomedical Elective (ex. MCB 3020/L General Microbiology with lab)	3
Additional BMS Chemistry or Bio Elective (ex. CHM 4300 Biomolecules I)	3
Upper-level USF Elective	3
Upper-level USF Elective	3
Upper-level USF Elective	3

TOTAL: 15

YEAR 3 SPRING USF

General Physics II with lab (ex. PHY 2054/L)	3
Upper-level BMS Biology Elective (ex. PCB 3063 General Genetics)	3
Upper-level USF Elective (ex. PCB 3063L Genetics Lab)	3
Writing Intensive FKL course	3
Upper-level USF Elective	3

TOTAL: 15

YEAR 4 SPRING USF

Upper-level BMS Chemistry Elective (ex. CHM 4292 Intro to Medicinal Chemistry)	3
Additional Biomedical Elective (ex. PCB 4234 Principles of Immunology)	3
Upper-level USF Elective	3
Upper-level USF Elective	3
Upper-level USF Elective	3

TOTAL: 15

****BSC 2085/BSC 2086 or BSC 2093/BSC2094 can be taken in place of PHY 2048/PHY 2049.
Consult a USF advisor to determine the most suitable option for student specific goals.**

The following are additional resources of the College of Arts and Science:

Students interested in Biomedical Sciences may email ChemAdvise@usf.edu

For general transfer advising inquiries please contact transfer-advising@usf.edu

