



**COLLEGE OF ARTS & SCIENCES**  
BACHELOR OF SCIENCE: BIOMEDICAL SCIENCES



Graduation Pathway Starting at



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

## COLLEGE – ARTS & SCIENCES

### Intended Program of Study- B.S. Biomedical Sciences

- Restrictive Program- **No**
- College Application Required- **No**
- Tests Required- **None**
- (College) Foreign Language Exit Required- **No**, *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.*

## PREREQUISITE COURSES

### (Common State Prerequisites) (C or Higher in all courses)

#### USF Courses

BSC 2010 & BSC 2010L

BSC 2011 & BSC 2011L

CHM 2045 & CHM 2045L

CHM 2210 & CHM 2210L

CHM 2211 & CHM 2211L

-Select one lecture/lab combo\*\*

PHY 2053/L, or PHY 2048/L

or BSC 2085/L or BSC 2093C

-Select one lecture/lab combo\*\*

PHY 2054/L or PHY 2049/L

or BSC 2086/L or BSC 2094C

MAC 2241 or 2281 or 2311\*\*

MAC 2242 or 2282 or 2312 or STA 2023\*\*

#### SCF Course Equivalent

BSC 2010C

BSC 2011C

CHM 2045C

CHM 2210C

CHM 2211C

Select one lecture/lab combo\*\*

PHY 2053C or PHY 2048C or BSC 2085C

Select one lecture/lab combo\*\*

PHY 2054C or PHY 2049C or BSC 2086C

MAC 2311\*\*

MAC 2312 or STA 2023\*\*

\*\* 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 State College of Florida

The following course sequence is a guideline for completion of requirements of the A.A. and prerequisite courses. A unique plan developed in consultation with an advisor at both SCF and USF may differ depending on student circumstances. **Financial Aid will only cover 60 credits for an AA degree.**

### YEAR 1 SCF

#### FALL

|           |   |
|-----------|---|
| ENC 1101  | 3 |
| MAC 1105  | 3 |
| CHM 1025C | 5 |
| PSY 2012  | 3 |

**TOTAL: 14**

#### SPRING

|           |   |
|-----------|---|
| ENC 1102  | 3 |
| MAC 1140  | 3 |
| CHM 2045C | 5 |
| BSC 2010  | 5 |

**TOTAL: 16**

#### SUMMER

|           |   |
|-----------|---|
| SPC 1608  | 3 |
| MAC 1114  | 3 |
| CHM 2046C | 5 |

**TOTAL: 11**

### YEAR 2 SCF

#### FALL

|           |   |
|-----------|---|
| CHM 2210C | 5 |
| MAC 2311  | 4 |
| BSC 2011C | 5 |

**TOTAL: 14**

#### SPRING

|                     |     |
|---------------------|-----|
| CHM 2211C           | 5   |
| MAC 2312 or STA2023 | 3-4 |
| Humanities          | 3   |

**TOTAL: 11-12**

#### SUMMER

|                |   |
|----------------|---|
| Humanities     | 3 |
| Social Science | 3 |

**TOTAL: 6**

\*Graduate with A.A. from SCF\*

\*\*\*YEAR 2 Fall/Spring\*\*\*

USF application should be submitted by early spring of year 2 (or last term of year leading into intended transfer) to ensure timely review.

## USF START

### YEAR 3 FALL USE

|  |   |
|--|---|
| BCH 3053 General Biochemistry                          | 3 |
| Upper Level BMS Bio/Chem Lab Elective (ex. BCH 3023/L) | 3 |
| PHY 2053/L General Physics with lab**                  | 4 |
| Capstone FKL Course                                    | 3 |
| Upper Level USF Elective                               | 3 |

**TOTAL: 16**

### YEAR 3 SPRING USE

|   |   |
|---|---|
| PHY 2054/L General Physics II with Lab **       | 4 |
| Upper Level BMS Biology Elective (ex. PCB 3063) | 3 |
| Upper Level USF Elective (ex. PCB 3063/L)       | 3 |
| Writing Intensive FKL Course                    | 3 |
| Upper Level USF Elective                        | 3 |

**TOTAL: 16**

### YEAR 4 FALL USE

|  |   |
|--|---|
| Required Biomedical Elective (ex. MCB 3020/L)    | 4 |
| BMS Chemistry or Biology Elective (ex. CHM 4300) | 3 |
| Upper Level USF Elective                         | 3 |
| Upper Level USF Elective                         | 3 |
| Upper Level USF Elective                         | 3 |

**TOTAL: 16**

### YEAR 4 SPRING USE

|   |   |
|---|---|
| Upper Level BMS Chemistry Elective (ex. CHM 4292) | 3 |
| Biomedical Elective (ex. PCB 4234)                | 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 PHY2053/PHY2054. Consult a USF advisor to determine the most suitable option for student specific goals.

### The following is additional information for the Biomedical Sciences major:

- If all pre-requisite courses outlined in the first two years are not completed before transferring to USF students should expect to spend longer than two years at USF to finish their bachelor's degree.
- This major is a great option for those students who want to pursue a health profession school after graduation such as medical school, veterinary school, dental school, physical therapy school, physician assistant, etc.
- Students should not take MCB2000/L or MAC2233 at the state college institution.
- Classes for this major are only offered in person and mostly during the afternoon.

Students interested in the biomedical sciences major may contact [chemadvise@usf.edu](mailto:chemadvise@usf.edu)

For general transfer advising inquiries please contact [transfer-advising@usf.edu](mailto:transfer-advising@usf.edu)

# fuse

GUARANTEED ADMISSION TO USF

