



GUARANTEED ADMISSION TO USF

**COLLEGE OF ARTS & SCIENCES
BACHELOR OF SCIENCE: CELL & MOLECULAR BIOLOGY
CATALOG 2017 – 2018**



Graduation Pathway Starting at **SPC** St. Petersburg College

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

COLLEGE - ARTS & SCIENCES

Intended Program of Study- B.S. Cell & Molecular Biology

- Limited Access- **No**; admission GPA must be 2.0 or higher
- College Application Required- **No**
- Tests Required- **None**
- (College) Foreign Language Exit Required- **No**

PRE-REQUISITE COURSES

(Common State Pre-requisites) (C or higher in all courses)

USF Courses

BSC 2010/L
 BSC 2011/L
 CHM 2045/L
 CHM 2046/L
 CHM 2210/L
 CHM 2211/L
 -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 2311**
 MAC 2242 or 2312 or STA 2023**

SPC Course Equivalent

BSC 2010/L
 BSC 2011/L
 CHM 2045/L
 CHM 2046/L
 CHM 2210/L
 CHM 2211/L
 -Select one lecture/lab combo**
 PHY 1053/1048L or PHY 2048/1048L
 or BSC 2085/L
 -Select one lecture/lab combo**
 PHY 1054/1049L or PHY 2049/1049L
 or BSC 2086/L
 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 ST. PETERSBURG COLLEGE

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

YEAR 1 SPC					
FALL		SPRING		SUMMER	
ENC 1101	3	ENC 1102	3	MAC 1114	3
MAC 1105	3	MAC 1140	3	HUM 1020	3
CHM 1025 & 1025L	4	CHM 2045 & 2045L	4		
CGS 1070	1	SPC 1017	3		
PHI 1600	3				
TOTAL: 14		TOTAL: 13		TOTAL: 6	
YEAR 2 SPC					
FALL		SPRING		SUMMER	
PSY 1012	3	CHM 2210 & 2210L	4	CHM 2211 & 2211L	4
MAC 2311	5	MAC 2312 or STA 2023	3-5	REL 2300	3
BSC 2010 & 2010L	4	BSC 2011 & 2011L	4		
CHM 2046 & 2046L	4	POS 2041	3		
TOTAL: 16		TOTAL: 14-16		TOTAL: 7	

Graduate with A.A. from SPC

****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 USF

FALL		SPRING	
PCB 3063/L General Genetics with Lab	4	PHY 2054/L General Physics II with Lab**	4
PHY 2053/L General Physics I with Lab**	4	PCB 3023/L Cell Biology with Lab	4
PSB 4004C Physiological Psychology	3	ENC 3250 Professional Writing	3
ANT 4401 Exploring Cross Cultural Diversity	3	ECH 4931 Research Design Methods	3

TOTAL: 14

TOTAL: 14

SUMMER

MCB 3410 Cell Metabolism	3
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TOTAL: 3

YEAR 4 USF

FALL		SPRING	
PCB 4024 Molecular Biology of the Cell	3	PCB 4026 Molecular Biology of the Gene	3
PCB 4663 Human Genetics	3	PCB 4744 Biomedical Physiology	3
MCB 3020/L Microbiology with Lab	4	ZOO 4753 Human Histology & Histopathology	3
BCH 3053 Biochemistry	3	HSC 4551 Survey of Human Diseases	3
ANT 3101 Archaeology	3	SYP 3000 Social Psychology	3

TOTAL: 16

TOTAL: 15

**PHY 2048/L and PHY2049/L can be taken in place of PHY2053/L andPHY2054/L. Consult a USF advisor to determine the most suitable option for student specific goals.

The following is additional information for the Cell & Molecular Biology 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.
- All students entering USF for the first time, in Fall 2009 or later, who subsequently earn three (3) D and/or F grades in applicable USF science and math coursework for their major (i.e. Math, Biology, Chemistry and Physics) will be required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Chemistry, Department of Integrative Biology or Department of Cell Biology, Microbiology, and Molecular Biology. Lab only courses are not counted towards the total number of D/F grades earned for the policy. Grade Forgiveness will NOT apply to the mandated requirement of changing majors. If a student is in violation of the D/F policy, regardless of major, they will no longer be able to take any courses offered by the Department of Chemistry, Department of Integrative Biology or Department of Cell Biology, Microbiology, and Molecular Biology.
- Major GPA of 2.0 required for graduation.
- Must complete at least 20 credit hours of Cell & Molecular Biology major requirements at USF Tampa.
- Foreign language entrance requirement (FLENT)- must come in with 2 years of consecutive language from high school or 2 semesters of language taken with AA or a language will need to be added to the above plan.

Students interested in the cell & molecular biology major may contact bioadvise@usf.edu

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

Students interested in Cell & Molecular Biology within the College of Arts and Sciences may contact the SPC or USF Academic Advising Office and speak to any of our advisors regarding questions about this major.

USF Direct Advisor Contacts

Justine Nandkishorelal, justinen@usf.edu, 813-974-9959

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SPC Direct Advisor Contacts

Clearwater Campus:

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