

Program Map 2020-2021 **Biology** Degree: Associate in Arts, Biology major



Program Description:

SFSC awards the A.A. degree upon completion of a prescribed program designed as the first two years of a baccalaureate program within the Florida public college and university systems. According to the Florida Articulation Agreement, earning an A.A. degree indicates that you have met the general education requirements for admission to the upper division of Florida's public college and universities.

Contacts:

GPS Coach: Rob Hampton

Academic Advisor: Charla Ellerker

Program Navigator: Daniel Sanches

Program Map to choose courses, with your program navigator's assistance, and track your progress toward milestones and the completion of the program. Plans can be modified to fit the needs of part-time students.

Pre-Degree Requirements – Recommendations for Success

If you have not had high school chemistry, it is recommended to take CHM 1025C and CHM 1025L Introduction to Chemistry before taking CHM 2045C.

If you are not prepared for MAC 2311, you may need to take MAC 1105 and MAC 1114 and 1140 or MAC 1147 first.

Recommended Soft Skills

Communication, Teamwork, Adaptability, Problem Solving, Critical Thinking, Creativity, Interpersonal Skills, Work Ethic, Time Management, Attention to Detail, Leadership, Conflict Management, Stress Management, Personal Productivity, Company Culture



Common First Term – Recommended by Program

Term 3	Term 1					
Check when complete	Course Number	Title	CR	Terms Offered	Prerequisites/Notes	
	ENC 1101	Freshman English I	3	F Sp Su		
	CHM 2045C	General Chemistry I	4	F Sm		
	POS 1041	American National Government	3	F Sp Su	Or AMH 1020 Introductory Survey Since 1877	
	MAC 2311	Calculus I	4	F Sp Su	MAC 1114 and 1140 or MAC 1147	
	SLS 1106	First Year Experience Seminar	1	F Sp Su		
Total Se	Total Semester Credit Hours =					



Rema	Remaining Courses To Complete Degree					
Seq. #	Check when complete	Course Number	Title	CR	Terms Offered	Prerequisites/Notes
1		ENC 1102	Freshman English II	3	F Sp Su	ENC 110 with grade of C
2		CHM 2046C	General Chemistry II	4	F Su	CHM 2045C
3		MAC 2312	Calculus II	4	F Sp Su	MAC 2311 or can take STA 2023 as alternative
4		AMH 1020	Social Science	3	F Sp Su	Core or elective
5		CGS 1100C	Introduction to Microcomputers	3	F Sp Su	

6	BSC 1010C	General Biology I	4	F, Su	
7	CHM 2210C or PHY 2053	Organic Chemistry I or General Physics I	5 or 4	F	CHM 2046C for CHM 2210C or MAC 1105 for PHY 2053
8	SPC 2608	Fundamentals of Speech Communication	3	F Sp Su	
9		Core Humanities	3	F Sp Su	

10		BSC 1011C	General Biology II	4	Sp	BSC 1010C
11		CHM 2211C or PHY 2054C	Organic Chemistry II or General Physics II	5 or 4	Sp	CHM 2210C for CHM 2211C or PHY 2053C for PHY 2054C
12			Core or Elective Humanities	3	F Sp Su	
Total Credit Hours =			60- 62	Note: Additional credits to total 60 credit hours may be taken		

Please always check online at <u>southflorida.edu/current-students/college-catalog</u> or meet with your academic advisor or program navigator to ensure that you are viewing the latest and most accurate information.

NOTE: This map is easy to customize to part-time and specialized schedules. Meet with your program navigator to discuss these options.



Career Resources

SFSC's Career Development Center website provides detailed, guided information on career exploration and transfer programs: <u>southflorida.edu/current-students/career-development-center.</u>

Career Information

Common Job Titles

Marine or Aquatic Biologist
Educator
Biological Researcher
Ecologist
Biostatistician
Horticulturist, Biotechnologist
Microbiologist

Regional Labor Market Information

Depending on the subfield pay can range from \$45,000 - \$75,000 per year with a bachelor's degree. There are about 125,000 jobs nationwide with a 5-7% growth average for the next 10 years.

Career and Labor Market Research Tools

U.S. Bureau of Labor Statistics - bls.gov



Transfer Resources

Local University Guaranteed Admission Agreements:

Florida Agricultural and Mechanical University (FAMU): <u>admissions.famu.edu/index.php/transfer</u> Florida Polytechnic University: <u>floridapoly.edu/admissions/transfer/</u> University of South Florida (USF) – Fuse: <u>usf.edu/undergrad/transfer-student-success/fuse/</u>

Legend

GPS Coach = the individual who assists with your orientation to SFSC and gets you started on your path. **Academic Advisor** = the individual who helps you plan your coursework and recommends the best path for you. **Program Navigator** = the individual who keeps you on your path and leads you all the way to graduation.