

What will I be studying?

The anatomy and physiology of the human body. This program provides a firm foundation in basic biological concepts and the tools necessary to function as a professional biologist with a special emphasis on humans.

Career Ideas!

Healthcare Provider

Matriculation into MD, DO, DPM, DDS, PA, and other health professions programs

Biotechnologist

Use biological processes to develop new technologies and products for industry

Pathology Assistant

Examine, dissect, and process tissue samples in either autopsy or surgical specimens

Forensic Scientist

Aid criminal investigations by collecting and analyzing evidence

**Please note this is not a complete list of careers you can go into with this major.



Science Center (SCA) 203



bioadvise@usf.edu



usf.edu/bio-advise

Contact Us

Biology Club

Pre-Medical American Medical Student Association (AMSA)

Undergraduate American Medical Women's Association

Minority Pre-Professional Science Society

American Academy of Forensic Sciences

Moffitt Cancer Center

Get Involved!

Integrative Biology Department
Biology, B.S. with a Medical Biology Concentration

Example Four Year Plan

Year 1		
Fall	Spring	Summer
CHM 2045: Chemistry 1**	CHM 2046: Chemistry 2	STA 2023: Statistics
CHM 2045L: Chemistry 1 Lab **	CHM 2046L: Chemistry 2 Lab	Non-Major Elective
MAC 2311: Calculus 1**	BSC 2010: Cellular Processes	
ENC 1101: Composition 1	BSC 2010L: Cellular Processes Lab	
Core Social Science Course	Core Humanities	
	ENC 1102: Composition 2	
Total Hours: 14	Total Hours: 14	Total Hours: 6
Year 2		
Fall	Spring	Summer
BSC 2011: Biodiversity	CHM 2211: Organic Chemistry 2	PHY 2053: Physics 1
BSC 2011L: Biodiversity Lab	CHM 2211L: Organic Chemistry 2 Lab	PHY 2053L: Physics 1 Lab
CHM 2210: Organic Chemistry 1	PCB 3063: General Genetics	
CHM 2210L: Organic Chemistry 1 Lab	PCB 3063L: General Genetics Lab	
Enhanced Gen-Ed: Creative Thinking	Enhanced Gen-Ed: Info & Data Literacy	
Enhanced Gen-Ed: Human/Cultural Diversity	Upper-Level Non-Major Elective	
Total Hours: 15	Total Hours: 15	Total Hours: 4
Year 3		
Fall	Spring	Summer
PCB 3712: General Physiology	PCB 3023: Cell Biology	
PCB 3713L: General Physiology Lab	PCB 3023L: Cell Biology Lab	
PHY 2054: Physics 2	Medical Restricted Elective	
PHY 2054L: Physics 2 Lab	Upper-Level Non-Major Elective	
Enhanced Gen-Ed: Ethical Reasoning & Civic Engagement	Upper-Level Non-Major Elective	
Non-Major Elective		
Total Hours: 14	Total Hours: 13	Total Hours: 0
Year 4		
Fall	Spring	Total Credits to Graduation
PCB 3043: Ecology	PCB 4674: Organic Evolution	Major Requirements: 68 credit hours
PCB 3043L: Ecology Lab	Biology Major Elective	
Medical Restricted Elective	Upper-Level Non-Major Elective	General Education Requirements: 27 credit hours
Enhanced Gen-Ed: High Impact Practice	Non-Major Elective	
Upper-Level Non-Major Elective		Other Degree Requirements: 25 credit hours
Total Hours: 13	Total Hours: 12	Total= 120

**May require completion of additional math pre-requisites (consider the [MPT](#) or [CPT](#) exams)