

Bachelor of Science in Biomedical Sciences Molecular Microbiology Track Catalog Year 2020-2021

I.		University Requirements					
			UCF General Education Progr 120 Total Credit Hours				
		 120 Total Credit Hours 48 Upper Level Credit Hours 					
		*Refer to your degree audit to ensure all University requirements are Satisfied					
II.		Pending Requirements					
		To transition out of "Pending" status, students must earn a "C" or better in these courses or their equivalents:					
			BSC 2010C	Biology		4 hrs	
						4 hrs	
		_	OLINA 00.40		uisites: Passing Score on Chemistry Placement Exa		
			CHM 2046 CHM 2210		, ,	3 hrs 3 hrs	
				Organic	Contentistry	31115	
III.		Major Requirements					
		 Students must maintain a 3.2 Science GPA to graduate with this degree. 					
		A. Core Curriculum					
	<u>Life</u>		ciences	5 : 1			
			BSC 2011C	Biology		4 hrs	
			PCB 3233 - OR - PCB 4280		3) _	3 hrs	
			PCB 3233L			1 hr	
			MCB 3020C BSC 3403C		57	5 hrs	
			PCB 3522		3	4 hrs 3 hrs	
			PCB 3522 PCB 4524		· · · · · · · · · · · · · · · · · · ·	3 hrs	
			MCB 4201		•	3 hrs	
			MCB 4204			3 hrs	
			MCB 4404			3 hrs	
			MCB 4414		• • •	3 hrs	
	Cha	Chemistry					
	CITE		<u>stry</u> CHM 2046L	Chemis	stry Fundamentals Lab	1 hr	
			CHM 2211		· ·	3 hrs	
		_	01.11.4.00.4.4			2 hrs	
			BCH 4053 -OR- BCH 4024	Biochemistry I or Medical Biochemistry 3 hrs/4 hrs			
	Mat	h			, _		
			MAC 2311C	Calculu	s with Analytic Geometry I*	4 hrs	
					uisites: MAT 1033C, MAC 1105C, MAC 1114C, MAC	1140C	
			STA 2023	Statistic	cal Methods I	3 hrs	
	Phν	Physics					
	Select One Sequence:						
				3L)	College Physics I	4 hrs	
			PHY 2054C (or PHY 2054+2054		College Physics II	4 hrs	
	-OR-						
			PHY 2048C (<u>or</u> PHY 2048+2048		, ,	4 hrs	
			PHY 2049C (<u>or</u> PHY 2049+204	9L)	General Physics Using Calculus II	4 hrs	
	B. Restricted Electives						
		Must take at least 3 restricted elective courses (at least 2 must have a lab component and only 1 can be					
		chosen from the full list of Biomedical Sciences Restricted Electives).					
		□ BOT 4434C General Mycology □ MCB 4503 Virology					
		□ MCB 3202 Principles of Infectious D					
		MCB 3203+L Pathogenic MicrobiologMCB 4207 Infectious Processes					
		 □ MCB 4207 Infectious Processes □ PCB 4028 Molecular and Cellular Pharmacology □ MCB 4276 Epidem of Infectious Diseases □ PCB 4284 Immunobiology 					
		Note: Participating in AIM, GEAR, HIM (with approval), PILOT, or PURE will substitute for one lab restricted elective					