

## Bachelor of Science-Molecular and Cell Biology

Cat. 144 2021-2022

Student \_\_\_\_\_ UIN \_\_\_\_\_ Lower Level complete (\*\*) \_\_\_\_\_

**3 Hours International and Cultural Diversity** \_\_\_\_\_

**3 Hours Cultural Discourse** \_\_\_\_\_

900-level sections of BIOL 401, 402, 480, 491 (pre-approval), 495;

**Two Writing Intensive Courses in Major** BICH/GENE432, BICH414; VIBS443; see advisor for other options.

**Residency (300-400 level coursework, 36 hrs required)** \_\_\_\_\_ **H.S. Foreign Language** \_\_\_\_\_

	Hrs	Completed		Hrs	Completed	
<b>Core Curriculum</b>			<b>Introductory BIOL (14)</b>			
Communications (6)			<b>BIOL111**</b>	4		
Comm. Elective#	3		<b>BIOL112**</b>	4		
Comm. Elective#	3		<b>BIOL213**</b>	3		
Mathematics (8)			<b>BIOL214**</b>	3		
<b>MATH147**@</b>	4					
<b>MATH148**@/STAT201**</b>	4/3		<b>Directed Electives (6)</b>			
Citizenship (12)						
American History#	3					
American History#	3					
POLS206	3		Select from any area: Cell Biology: BIOL430; VIBS343, 443 Organismal: BIOL344, 388, 434, 435, 466, 467; MEPS313 Molecular and Computational: BIOL 450, 451; BICH432; CHEM327 Microbiology: BIOL406, 438, 445, 454, 455, 456, 460 One course can be BIOL300-499; BICH464			
POLS207	3					
Social Science (3)#	3					
Lang, Phil, Culture (3)#	3					
Creative Arts(3)#	3					
<b>Supporting Sciences (42)</b>						
<b>CHEM119**</b>	4					
<b>CHEM120**</b>	4					
<b>CHEM227**</b>	3					
<b>CHEM237**</b>	1					
<b>CHEM228**</b>	3		<b>Biology Upper Level Requirements (12)</b>			
<b>CHEM238**</b>	1		BIOL351	4		
PHYS201	4		BIOL413	3		
PHYS202	4		BIOL423 or 455	2		
STAT312	3		BIOL414	3		
BICH410	3					
BICH411	3		<b>Other</b>			
BICH432 OR 414	2		%Free Electives (11 or 12)	11/12		
GENE302 & 314	4					
BICH431	3					
<b>Total Hours 120</b>						

\*\*Common Body of Knowledge courses. Freshmen: must complete before start of third year (5<sup>th</sup> full semester); Transfers: must complete within two semesters.

@MATH147/148 alternative sequences: MATH151/152 or MATH171/172

# See core.tamu.edu for options.

%Free Electives CANNOT be: One hour Intro classes (BIMS101, AGLS101, etc.); MATH102, 103, BIOL101, 107, 113, 206; CAEN102; CHEM106, 116; only one KINE199 allowed.