

**Sample Four-Year Biology Microbiology Plan**  
**Academics First! Lower course loads/fewer work hours = higher GPAs**

Developmental Prerequisites		Freshman		Sophomore		Junior		Senior		Totals		
<b>PRIOR TO FRESHMAN YEAR</b>	<b>English:</b> Verbal ACT must be $\geq$ 21 or Verbal SAT must $\geq$ 510 or complete developmental coursework: ENG 098* or ENG101E/F	<b>Fall Semester</b>	MATH 181	4	BIOL 196/196L	4	<b>Prerequisites Complete</b>	CHEM 474	3	Biology Upper Div	3	
			CHEM 121/121L	4	CHEM 241/241L	4		BIOL 300/300L	4	Biology Upper Div	4	
			ENG 101	3	PHYS 151/151L	4		STA 391 or 491	3	Biology Upper Div	3	
			Electives	3				Social Science**	3	Social Science **	3	
			SCI 101	1								
			Total	15	Total	12		Total	13	Total	13	
	<b>Mathematics:</b> Quan ACT must be > 28 or Quan SAT must be >630 or complete developmental coursework: MATH 095*, 096*, 126,127  *not for credit	<b>Spring Semester</b>	BIOL 189/189L	4	BIOL 197/197L	4	BIOL 351/351L	4	Biology Upper Div	3		
			CHEM 122/122L	4	CHEM 242/242L	4	Biology Upper Div	4	Biology Upper Div	4		
			ENG 102	3	PHYS 152/152L	4	Humanities**	3	Biology Upper Div	3		
			Humanities**	3			BIOL 415	3	Fine Arts**	3		
			Total	14	Total	12	Total	14	Total	13	53	
	Sum	HIS 100 or PSC 101	4	Social Science**	3	BIOL 492	6	Summer Total		19		
		ENG231 or 232	3	Humanities**	3							
	**choose courses in order to simultaneously fill the Multicultural AND International requirements; may need upper div electives to reach 40 UD									<b>Required Total:</b>	<b>125</b>	