

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

Developmental Prerequisites		Year 1		Year 2		Year 3		Year 4		Year 5		Totals	
<b>PRIOR TO FRESHMAN YEAR</b> English: Verbal ACT must be $\geq$ 21 or Verbal SAT must $\geq$ 510 or complete developmental coursework ENG 098* or ENG101E/F	Fall Semester	MATH 181	4	BIOL 196/196L	4	STA 391 OR 491	3	CHEM 474	3	Elective*	3	63	
		CHEM 121/121L	4	CHEM 241/241L	4	BIOL 300/300L	4	Social Science**	3	Biology Upper Div	4		
		ENG 101	3	PHYS 151/151L	4	ENG 231 OR 232	3	BIOL 415	3	Biology Upper Div	3		
		PE	1			HIS 100 or PSC 101	4	Elective*	3	BIOL 492	3		
		<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>12</b>	<b>Total</b>	<b>13</b>		
<b>PRIOR TO FRESHMAN YEAR</b> Mathematics: Quan ACT must be $>$ 28 or Quan SAT must be $>$ 630 or complete developmental coursework MATH 095*, 096*, 126,127 *not for credit	Spring Semester	BIOL 189/189L	4	CHEM 242/242L	4	BIOL 351/351L	4	Biology Upper Div	3	Biology Upper Div	4	63	
		CHEM 122/122L	4	PHYS 152/152L	4	Humanities**	3	Biology Upper Div	4	BIOL 492	3		
		ENG 102	3	BIOL 197/197L	4	Biology Upper Div	3	FINE ARTS**	3	Biology Upper Div	3		
		PE	1			Humanities**	3	Social Science**	3	Social Science**	3		
		<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>	<b>Total</b>	<b>13</b>	<b>Total</b>	<b>13</b>	<b>Total</b>	<b>13</b>		
		*if 12 credits reqd for scholarship		**choose to simultaneously fill Multicul and Intl reqmts; may need upper div elect to reach 40 UD									
											<b>Required Total:</b>	<b>126</b>	