

**MILLIKIN UNIVERSITY**  
**BS Biochemistry: ACS Certified Degree - 8 Semester Plan**

<b>Semester #1</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>	<b>Semester #2</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>
IN 140: University Seminar		3		CH 122: General Chemistry II with lab		4	
EN 181: University Writing		3		BI 205: Cell Biology with lab		4	
CH 121: General Chemistry I with lab		4		MA 240: Calculus II		4	
BI 105/155: Ecology & Evolution with lab		4		Oral Communication Studies		3	
MA 140: Calculus I		4					
<b>Semester Total</b>		18		<b>Semester Total</b>		15	
<b>Cumulative Total</b>		<b>18</b>		<b>Cumulative Total</b>		<b>33</b>	
<b>Semester #3</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>	<b>Semester #4</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>
CH 232: Analytical Chemistry with lab		4		CH 302: Organic Chemistry II with lab		4	
CH 254: STEM Careers		2		CH 306: Descriptive Inorganic Chemistry with lab		4	
CH 301: Organic Chemistry I with lab		4		Social Sciences in the United States		3	
BI 200: Genetics with lab		4		EN 281: Writing in the Disciplines		3	
International Cultures and Studies I		3		International Cultures and Studies II		3	
<b>Semester Total</b>		17		<b>Semester Total</b>		17	
<b>Cumulative Total</b>		<b>50</b>		<b>Cumulative Total</b>		<b>67</b>	
<b>Semester #5</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>	<b>Semester #6</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>
CH 331: Biochemistry		3		CH 391: Undergraduate Research		1	
CH 354: Biochemistry Laboratory		1		CH 432: Advanced Biochemistry		3	
CH 406: Advanced Inorganic Chemistry (even years)		4		PY 152/172 University Physics II with lab		4	
PY 151/171: University Physics I with lab		4		Literature		3	
				Creative Arts		3	
<b>Semester Total</b>		12		<b>Semester Total</b>		14	
<b>Cumulative Total</b>		<b>79</b>		<b>Cumulative Total</b>		<b>93</b>	
<b>Semester #7</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>	<b>Semester #8</b>	<b>Term: _____</b>	<b>Hours</b>	<b>Spg/Fall/Evry</b>
CH 303: Physical Chemistry I with Lab		4		CH 304: Physical Chemistry II with Lab		4	
CH 391: Undergraduate Research		1		CH 420: Instrumental Analysis with lab		4	
Global Studies		3		CH 482: Senior Seminar		1	
Humanities in the United States		3		Historical Studies		3	
Electives		3		Electives		5	
<b>Semester Total</b>		14		<b>Semester Total</b>		13	
<b>Cumulative Total</b>		<b>107</b>		<b>Cumulative Total</b>		<b>120</b>	

**NOTES:**

- The schedule above provides a template. Schedules will vary by student. Summer courses may be taken at Millikin or another institution (course approved through Registrar)
- Undergraduate graduation hour requirements: 120 credits
- To be considered a full time student you must enroll in a minimum of 12 credit hours per semester.
- If taking Advanced Placement courses in high school or considering dual enrollment in high school/community college courses, please make sure you speak with a faculty advisor or Registrar's Office at Millikin prior to your selection/enrollment.

Student Name: \_\_\_\_\_

<b>GPA</b>	Fall _____	Spring _____	Fall _____	Spring _____	Fall _____	Spring _____	Fall _____	Spring _____
<b>Major</b>								
<b>Cumulative</b>								
<b>Academic Alerts/ Accolades</b>								

**Quantitative Reasoning:** The course sequences below are based on the Math ACT score. Students can also take the Compass test in the Math Department to progress more quickly through this process if the test is passed.

<b>Math ACT Score</b>	<b>COURSE SEQUENCE</b>			
<b>16 or below</b>	<b>MA 087</b> _____	<b>MA 091</b> _____	<b>MA 098</b> _____	<b>PS 201</b> _____
<b>17 - 18</b>	<b>MA 091</b> _____	<b>MA 098</b> _____	<b>PS 201</b> _____	
<b>19-21</b>	<b>MA 098</b> _____	<b>PS 201</b> _____		
<b>22-25</b>	<b>PS201</b> _____			

**Additional Comments:**