

MILLIKIN UNIVERSITY
BS Biochemistry Pre-Pharmacy - 8 Semester Plan

Semester #1	Term: _____	Hours	Spg/Fall/Evry	Semester #2	Term: _____	Hours	Spg/Fall/Evry
IN 140: University Seminar		3		Creative Arts		3	
EN 181: University Writing		3		CH 122: General Chemistry II with lab		4	
CH 121: General Chemistry I with lab		4		BI 205: Cell Biology with lab		4	
BI 105/155: Ecology & Evolution with lab		4		MA 140: Calculus I		4	
MA 115: Trigonometry		3		Oral Communication Studies		3	
Semester Total		17		Semester Total		18	
Cumulative Total		17		Cumulative Total		35	
Semester #3	Term: _____	Hours	Spg/Fall/Evry	Semester #4	Term: _____	Hours	Spg/Fall/Evry
CH 232: Analytical Chemistry with lab		4		CH 302: Organic Chemistry II with lab		4	
CH 254: STEM Careers		2		EN 281: Writing in the Disciplines		3	
CH 301: Organic Chemistry I with lab		4		Social Sciences in the United States		3	
BI 200: Genetics with lab		4		International Cultures and Structures II		3	
International Cultures and Structures I		3					
Semester Total		17		Semester Total		13	
Cumulative Total		52		Cumulative Total		65	
Semester #5	Term: _____	Hours	Spg/Fall/Evry	Semester #6	Term: _____	Hours	Spg/Fall/Evry
CH 331: Biochemistry		3		CH 306: Descriptive Inorganic Chemistry with lab		4	
CH 354: Biochemistry Laboratory		1		CH 391: Undergraduate Research		1	
PY 151/171: University Physics I with lab or PY 111/171: College Physics I with lab		4		CH 432: Advanced Biochemistry		3	
Global Studies		3		PY 152/172 University Physics II with lab or PY 112/172: College Physics II with lab		4	
Electives		3		Literature		3	
Semester Total		14		Semester Total		15	
Cumulative Total		79		Cumulative Total		94	
Semester #7	Term: _____	Hours	Spg/Fall/Evry	Semester #8	Term: _____	Hours	Spg/Fall/Evry
CH 303: Physical Chemistry I with lab		4		CH 491: Undergraduate Research		1	
CH 391: Undergraduate Research		1		CH 420: Instrumental Analysis with Lab		4	
Humanities in the United States		3		CH 482: Senior Seminar		1	
Electives		6		Historical Studies		3	
				Electives		3	
Semester Total		14		Semester Total		12	
Cumulative Total		108		Cumulative Total		120	

NOTES:

- Pharmacy school requirements vary by program. Students should consult with their program of interest for prerequisites.
- 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: _____

GPA	Fall _____	Spring _____	Fall _____	Spring _____	Fall _____	Spring _____	Fall _____	Spring _____
Major								
Cumulative								
Academic Alerts/ Accolades								

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.

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

Additional Comments: