

MILLIKIN UNIVERSITY
BS Biochemistry, Pre-Professional Program: Pre-Dent/Pre-Med/Pre-Vet - 8 Semester Plan

Semester #1	Term: _____	Hours	Spg/Fall/Evry	Semester #2	Term: _____	Hours	Spg/Fall/Evry
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 140: Calculus I		4	
BI 105/155: Ecology & Evolution with lab		4		PP 101: Create My Life Flow (Recommended)		1	
MA 115: Trigonometry		3					
Semester Total		17		Semester Total		13	
Cumulative Total		17		Cumulative Total		30	
Semester #3	Term: _____	Hours	Spg/Fall/Evry	Semester #4	Term: _____	Hours	Spg/Fall/Evry
CH 254: STEM Careers		2		CH 302: Organic Chemistry II with lab		4	
CH 301: Organic Chemistry I with lab		4		CH 306: Descriptive Inorganic Chemistry with lab		4	
PY 151/171: University Physics I with lab or PY 111/171: College Physics I with lab		4		PY 152/172: University Physics II with lab or PY 112/172: College Physics II with lab		4	
BI 200: Genetics with lab		4		EN 281: Writing in the Disciplines		3	
PS 130: Introductory Psychology		3		SO 100: Introduction to Sociology		3	
PP 201: Create My Action Flow (Recommended)		1					
Semester Total		16		Semester Total		18	
Cumulative Total		46		Cumulative Total		64	
Semester #5	Term: _____	Hours	Spg/Fall/Evry	Semester #6	Term: _____	Hours	Spg/Fall/Evry
CH 232: Analytical Chemistry with lab		4		CH 391: Undergraduate Research		1	
CH 303: Physical Chemistry I		4		CH 432: Advanced Biochemistry		3	
CH 331: Biochemistry		3		Global Studies		3	
CH 354: Biochemistry Laboratory		1		International Cultures and Structures I		3	
BI 407: Molecular Genetics		4		Humanities in the United States		3	
PP 301: Exam Prep (Recommended)		1		PP 302: Application Prep (Recommended)		1	
Semester Total		17		Semester Total		14	
Cumulative Total		81		Cumulative Total		95	
Semester #7	Term: _____	Hours	Spg/Fall/Evry	Semester #8	Term: _____	Hours	Spg/Fall/Evry
CH 491: Senior Research		1		CH 420: Instrumental Analysis with lab		4	
Literature		3		CH 482: Senior Seminar		1	
Creative Arts		3		Historical Studies		3	
International Cultures and Structures II		3		PP 401: App Prep for Hlth Pro Schls (Recommended)		1	
Social Sciences in the United States		3		Oral Communications		3	
Semester Total		13		Semester Total		12	
Cumulative Total		108		Cumulative Total		120	

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: _____

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: