

MILLIKIN UNIVERSITY
BS Chemistry: Research Emphasis - Eight Semester Plan

Semester #1	Term: _____	Hours	Spg/Fall/Evry	Semester #2	Term: _____	Hours	Spg/Fall/Evry
IN 140: University Seminar		3		IN 151: Critical Writing, Reading & Research II		3	
IN 150: Critical Writing, Reading & Research I		3		CH 224: General Inorganic Chemistry		3	
CH 121: General Chemistry		3		CH 152: Introductory Chemistry Laboratory II		1	
CH 151: Introductory Chemistry Laboratory I		1		CO 200: Public Speaking		3	
International Cultures and Structures I		3		Mathematics		4	
Mathematics (determined by placement)		4		International Cultures and Structures II		3	
Semester Total		17		Semester Total		17	
Cumulative Total		17		Cumulative Total		34	
Semester #3	Term: _____	Hours	Spg/Fall/Evry	Semester #4	Term: _____	Hours	Spg/Fall/Evry
CH 301: Organic Chemistry I		3		CH 302: Organic Chemistry II		3	
CH 251: Intermediate Chemistry Laboratory I		1		CH 252: Intermediate Chemistry Laboratory II		1	
PY 151/171: Physics I with lab		4		IN 251: U.S. Structural Studies		3	
IN 250: U.S. Cultural Studies		3		PY 152/172: Physics II with lab		4	
CH 232: Analytical Chemistry		3		Historical Studies		3	
CH 253: Intermediate Chemistry Laboratory III		1		Elective		3	
Elective		3					
Semester Total		18		Semester Total		17	
Cumulative Total		52		Cumulative Total		69	
Semester #5	Term: _____	Hours	Spg/Fall/Evry	Semester #6	Term: _____	Hours	Spg/Fall/Evry
CH 254: Introduction to Research		1		IN 350: Global Studies		3	
CH 303: Physical Chemistry I (must complete MA 240 prior)		3		CH 391 or 392: Undergraduate Research		1	
CH 351: Advanced Laboratory I		1		CH 353: Advanced Laboratory III		1	
CH 406: Advanced Inorganic Chemistry (if even numbered year) or Elective		3		CH 304: Physical Chemistry II (must complete MA 240)		3	
Creative Arts		3		Electives		9	
Literature		3					
Elective		3					
Semester Total		17		Semester Total		17	
Cumulative Total		86		Cumulative Total		103	
Semester #7	Term: _____	Hours	Spg/Fall/Evry	Semester #8	Term: _____	Hours	Spg/Fall/Evry
CH 331: Biochemistry		3		CH 482: Chemistry Senior Seminar		1	
CH 391 or 392: Undergraduate Research		1		CH 420: Instrument Analysis		3	
CH 406: Advanced Inorganic Chemistry (if even numbered year) or Elective		3		CH 352: Advanced Lab II		1	
CH 352: Advanced Lab II		1		Electives		9	
Electives		9					
Semester Total		17		Semester Total		14	
Cumulative Total		120		Cumulative Total		134	

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: 124 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.