MILLIKIN UNIVERSITY BS Biochemistry - 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	3	
CH 121: General Chemistry I	3		CH 152: General Chemistry Laboratory II	1	
CH 151: General Chemistry Laboratory I	1		BI 205: Cell Biology with lab	4	
BI 105/155: Ecology & Evolution with lab	4		Mathematics	4	
Mathematics (determined by placement)	4		CO 200: Public Speaking	3	
Semester Total	18		Semester Total	18	
Cumulative Total	18		Cumulative Total	36	
Semester #3 Term:	Hours	Spg/Fall/Evry	Semester #4 Term:	Hours	Spg/Fall/Evry
CH 232: Analytical Chemistry	3		CH 302: Organic Chemistry II	3	
CH 253: Analytical Chemistry Laboratory	1		CH 252: Organic Chemistry Laboratory II	1	
CH 301: Organic Chemistry I	3		CH 306: Descriptive Inorganic Chemistry	3	
CH 251: Organic Chemistry Laboratory I	1		CH 256: Inorganic Chemistry Laboratory	1	
BI 200: Genetics with lab	4		IN 251: U.S. Structural Studies	3	
IN 250: U.S. Cultural Studies	3		EN 281: Writing in the Disciplines	3	
			Literature	3	
Semester Total	15		Semester Total	17	
Cumulative Total	51		Cumulative Total	68	
Semester #5 Term:	Hours	Spg/Fall/Evry	Semester #6 Term:	Hours	Spg/Fall/Evry
Semester #5 Term: CH 254: Introduction to Research	Hours 1	Spg/Fall/Evry	Semester #6 Term: CH 306: Descriptive Inorganic Chemistry	Hours 3	Spg/Fall/Evry
		Spg/Fall/Evry			Spg/Fall/Evry
CH 254: Introduction to Research	1	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry	3	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry	1 3	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory	3	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory	1 3 1	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research	3 1 1	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab	1 3 1 4	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry	3 1 1 3	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total	1 3 1 4 6	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total	3 1 1 3 4	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives	1 3 1 4 6	Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I	3 1 1 3 4 3	Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total	1 3 1 4 6	Spg/Fall/Evry Spg/Fall/Evry	CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total	3 1 1 3 4 3 15	Spg/Fall/Evry Spg/Fall/Evry
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total	1 3 1 4 6		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total	3 1 1 3 4 3 15 98	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term:	1 3 1 4 6 6 15 83 Hours		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term:	3 1 1 3 4 3 15 98 Hours	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I	1 3 1 4 6 15 83 Hours 3 1		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research	3 1 1 3 4 3 15 98 Hours	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I CH 351: Physical Chemistry I	1 3 1 4 6 		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research CH 420: Instrumental Analysis	3 1 1 3 4 3 15 98 Hours	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I CH 351: Physical Chemistry Laboratory I CH 391: Undergraduate Research	1 3 1 4 6 15 83 Hours 3 1		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research CH 420: Instrumental Analysis CH 352: Instrumental Analysis Laboratory	3 1 1 3 4 3 15 98 Hours 1 3	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I CH 351: Physical Chemistry Laboratory I CH 391: Undergraduate Research IN 350: Global Studies	1 3 1 4 6 15 83 Hours 3 1 1		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research CH 420: Instrumental Analysis CH 352: Instrumental Analysis Laboratory CH 482: Seminar Historical Studies Approved CH 3XX/4XX or BI 3XX/4XX or Elective	3 1 1 3 4 3 15 98 Hours 1 3 1	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I CH 351: Physical Chemistry Laboratory I CH 391: Undergraduate Research IN 350: Global Studies International Cultures and Structures II	1 3 1 4 6 15 83 Hours 3 1 1 3 3 3 3		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research CH 420: Instrumental Analysis CH 352: Instrumental Analysis Laboratory CH 482: Seminar Historical Studies	3 1 1 3 4 3 15 98 Hours 1 3 1	
CH 254: Introduction to Research CH 331: Biochemistry CH 354: Biochemistry Laboratory PY 151/171: University Physics I with lab Electives Semester Total Cumulative Total Semester #7 Term: CH 303: Physical Chemistry I CH 351: Physical Chemistry Laboratory I CH 391: Undergraduate Research IN 350: Global Studies International Cultures and Structures II Approved CH 3XX/4XX or BI 3XX/4XX or Elective	1 3 1 4 6 15 83 Hours 3 1 1 3 3 3		CH 306: Descriptive Inorganic Chemistry CH 256: Inorganic Chemistry Laboratory CH 391: Undergraduate Research CH 432: Advanced Biochemistry PY 152/172 University Physics II with lab International Cultures and Structures I Semester Total Cumulative Total Semester #8 Term: CH 391: Undergraduate Research CH 420: Instrumental Analysis CH 352: Instrumental Analysis Laboratory CH 482: Seminar Historical Studies Approved CH 3XX/4XX or BI 3XX/4XX or Elective	3 1 1 3 4 3 15 98 Hours 1 3 1 1 3 3 3 3	

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.