

MILLIKIN UNIVERSITY
[Physics, Entering Odd Year] BS - Template 8 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		PY 152: University Physics II		3	
PY 151: University Physics I		3		PY 172: Physics Lab II		1	
PY 171: Physics Lab I		1		MA 240: Calculus II		4	
MA 140: Calculus I		4		Non Sequential MPSL Requirement (Creative Arts, Oral Communication Studies, ICS)		3	
Non Sequential MPSL Requirement (Creative Arts, Oral Communication Studies, ICS)		3		Elective		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
MA 340: Calculus III		4		PY 362: Experimental Physics II		3	
PY 262: Experimental Physics I		4		CH 224: Inorganic Chemistry		3	
CH 121: General Chemistry		3		CH 152: Chem Lab II		1	
CH 151: Intro Chem Lab		1		IN 251: US Studies		3	
IN 250: US Studies		3		Historical Studies		3	
				Elective		3	
Semester Total		15		Semester Total		16	
Cumulative Total		49		Cumulative Total		65	
Semester #5	Term: _____	Hours	Spg/Fall/Evry	Semester #6	Term: _____	Hours	Spg/Fall/Evry
PY 352: Classical Mechanics		4		PY 325: Mathematical Physics		3	
PY 253: Modern Physics		4		PY 406: Quantum Mechanics		4	
Non Sequential MPSL Requirement (Creative Arts, Oral Communication Studies, ICS)		3		MA 305: Differential Equations		3	
Electives		3		Non Sequential MPSL Requirement (Creative Arts, Oral Communication Studies, ICS)		3	
Elective		3		Elective		3	
Semester Total		17		Semester Total		16	
Cumulative Total		82		Cumulative Total		98	
Semester #7	Term: _____	Hours	Spg/Fall/Evry	Semester #8	Term: _____	Hours	Spg/Fall/Evry
PY 403: Electrodynamics I		4		PY 404: Electrodynamics II		4	
PY 481: Senior Research		2		PY 482: Senior Research		2	
Literature		3		IN 350: Global Issues		3	
Elective		3		Elective		3	
Elective		3					
Semester Total		15		Semester Total		12	
Cumulative Total		113		Cumulative Total		125	

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.

Cumulative Hours of Math and Physics Courses required for the Major:
 Remaining Hours of University Requirements and Electives

51 (highlighted in bold)
 77