Bachelor of Science in PHYSICS (Materials Option/Fall Start)
Graduation MAP

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

Catalog Year 2017-2018: MATH 1210 Placement **NAME:** _____

☑	Course	Credit Hour	Semester Offered	Milestones & Notes
	Freshman (Semester 1)			
	PHYS 2210 PS Physics for Scientists & Engineers I	5	F, Sp	•
	MATH 1210 Calculus I	4	F, Sp, Su	
	MATH 1200 Mathematics Computer Laboratory	1	F, Sp	
	WEB 1504 TD Information Literacy Comp Exam **-or-** LIBS 1704 Information Navigator	0.5-1	F, Sp, Su	
	ENGL 1010 Introductory College Writing	3	F, Sp, Su	
	Total Semester Credits	**13.5-14**		
	Freshman (Semester 2)			
	PHYS 2220 Physics for Scientists & Engineers II	5	F, Sp	•
	MATH 1220 Calculus II	4	F, Sp, Su	
	ENGL 2010 EN Intermediate College Writing	3	F, Sp, Su	
	GE Social Science Elective	3	F, Sp, Su	
	Total Semester Credits	**15**		
	Freshman (Optional)			
				•
	Total Semester Credits			
	Sophomore (Semester 3)			
	CHEM 1210 PS Principles of Chemistry I	5	F, Sp, Su	•
	MATH 2210 Calculus III	4	F, Sp, Su	
	PHYS 2300 Computational Physics	3	F	
	PHYS 2710 Modern Physics	3	F	
	Total Semester Credits	**15**		
	Sophomore (Semester 4)			
	CHEM 1220 Principles of Chemistry II	5	F, Sp, Su	•
	PHYS 3180 Thermal Physics	3	Sp	
	MATH 2280 Ordinary Differential Equations	3	F, Sp	
	GE Humanities Elective	3	F, Sp, Su	
	Total Semester Credits	**14**		
	Sophomore (Optional)			
				•
	Total Semester Credits			

☑	Course	Credit Hours	Semester Offered	Milestones & Notes
	Junior (Semester 5)			
	PHYS 3410 Electronics for Scientists	4	F	• *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	PHYS 3510 Electromagnetic Theory	3	F	
	GE American Institutions Elective	3	F, Sp, Su	
	GE Creative Arts Elective	3	F, Sp, Su	
	PHYS 3500 Analytical Mechanics	3	F, Sp, Su	
	Total Semester Credits	**16**		
	Junior (Semester 6)			
	MATH 2270 Elementary Linear Algebra	3	F, Sp, Su	• *If Junior Spring (Semester 6) is even year, move to Senior Spring (Semester 8)
	PHYS 3540 Mechanical & Electromagnetic Waves	3	Sp	
	*PHYS 4200 The Physics of Materials	3	Sp (even years only)	
	GE Life Science Elective	3-4	F, Sp, Su	
	GE Humanities/Creative Arts Elective	3	F, Sp, Su	
	Total Semester Credits	**15-16**		
	Junior (Optional)			
				•
	Total Semester Credits			
	Senior (Semester 7)			
	MATH 3710 Boundary Value Problems	3	F	• *If Senior Fall (Semester 7) is even year, move to Junior Fall (Semester 5) • *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	*PHYS 4410 Material Characterization Laboratory	2	F (even years only)	
	GE Social Science Elective	3	F, Sp, Su	
	*Upper Division Electives	6	F, Sp, Su	
	Total Semester Credits	**14**		
	Senior (Semester 8)			
	PHYS 4990 Seminars in Physics	1	F, Sp	• *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	PHYS 4610 Quantum Mechanics	3	Sp	
	*Upper Division Electives	6	F, Sp, Su	
	Electives	5	F, Sp, Su	
	Total Semester Credits	**15**		
	Senior (Optional)			
				•
	Total Semester Credits			
	Total Bachelor Credits	**117.5-119***		

Gen Ed Breadth Requirements (do not duplicate departments)

□ HU	□ CA	□ HU or CA
□ SS	□ SS	
□ PS	□ LS	□ PS or LS
□ DV **(Double dip with Breadth course)**		

Avoid misadvisement! Consult your academic advisor (weber.edu/advisors), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log into your eWeber Student Portal).

Revision Date: 4/27/2017

Notes:

- ***NEED 120 TOTAL CREDIT HOURS TO GRADUATE!**
- **Need 40 Upper Division (3000-level or higher) credit hours to graduate!**