

Bachelor of Science in APPLIED PHYSICS (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.

WEBER STATE
UNIVERSITY

Catalog Year 2020-2021: MATH 1210 Placement

NAME: _____

<input checked="" type="checkbox"/>	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 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 2710 Modern Physics	3	F	
	GE Humanities Elective	3	F, Sp, Su	
	Total Semester Credits	15		
Sophomore (Semester 4)				
	PHYS 2600 Laboratory Safety	1	F, Sp	•
	CHEM 1220 Principles of Chemistry II	5	F, Sp, Su	
	MATH 2280 Ordinary Differential Equations	3	F, Sp	
	GE American Institutions Elective	3	F, Sp, Su	
	GE Creative Arts Elective	3	F, Sp, Su	
	Total Semester Credits	15		
Sophomore (Optional)				
				•
	Total Semester Credits			

	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 5)				
	PHYS 3500 Analytical Mechanics -or- PHYS 3190 Applied Optics	3	F F (even years only)	•
	PHYS 3510 Electromagnetic Theory	3	F	
	PHYS 2300 Computational Physics	3	F	
	MATH 3410 Probability & Statistics I	3	F, Sp	
	GE Life Science Elective	3-4	F, Sp, Su	
	Total Semester Credits	15-16		
Junior (Semester 6)				
	PHYS 3540 Mechanical and Electromagnetic Waves	3	Sp	• *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	PHYS 4400 Advanced Physics Lab -or- PHYS 4410 Materials Characterization Lab	2	Sp Sp (even years only)	
	MATH 3420 Probability & Statistics II	3	F, Sp	
	GE Social Science Elective	3	F, Sp, Su	
	*Upper Division Elective	4	F, Sp, Su	
	Total Semester Credits	15		
Junior (Optional)				
				•
	Total Semester Credits			
Senior (Semester 7)				
	PHYS 3500 Analytical Mechanics -or- PHYS 3190 Applied Optics	3	F F (even years only)	• *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	PHYS 4800 Individual Research Project	1-3		
	GE Humanities/Creative Arts Elective	3	F, Sp, Su	
	*Upper Division Electives	8	F, Sp, Su	
	Total Semester Credits	15-18		
Senior (Semester 8)				
	PHYS 4990 Seminars in Physics	1	F, Sp	• *Need 40 Upper Division (3000-level or higher) credit hours to graduate!
	*Upper Division Electives	8	F, Sp, Su	
	Electives	6	F, Sp, Su	
	Total Semester Credits	15		
Senior (Optional)				
				•
	Total Semester Credits			
	Total Bachelor Credits	118.5-123*		

Gen Ed Breadth Requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS
<input type="checkbox"/> 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!**