

**Bachelor of Science - Natural Science - Physics Concentration
First Time Freshman Academic Roadmap**

Year 1: Freshman Year				Year Total				28
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
MATH 2210 (GE B4)	Fall & Spring	MATH 1401 or 1403 or Placement	4	Chemistry Series (Group A or B) (GE B1 & B3)	Fall & Spring	Varies	4	
NSCI 2300	Fall		1	MATH 2220	Fall & Spring	MATH 2210	4	
PHYS 1500	Fall		3	Critical Thinking (GE A3)	Fall & Spring		3	
Foundation Seminar (GE E)	Fall & Spring		3	Oral Communication (GE A1)	Fall & Spring		3	
Written Communication (GE A2)	Fall & Spring		3					
Semester Total			14	Semester Total			14	

Year 2: Sophomore Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
Chemistry Series (Continue Group A or B)	Fall & Spring	Varies	4	MATH 2310	Fall & Spring	MATH 2210; MATH 2220 (Corequisite)	4	
PHYS 2500	Fall & Spring	MATH 2210; MATH 2220 (Corequisite)	4	PHYS 2510	Fall & Spring	PHYS 2500	4	
PHYS 2500L	Fall & Spring	PHYS 2500 (Corequisite)	1	PHYS 2510L	Fall & Spring	PHYS 2510 (Corequisite)	1	
Statistics	Fall & Spring	Varies	3	General Education	Fall & Spring		3	
General Education	Fall & Spring		3	Institutions Requirement	Fall & Spring		3	
Semester Total			15	Semester Total			15	

Year 3: Junior Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
GEOL 3020 or GEOL 3040 (GE B5)	Fall & Spring		3	General Science UD Elective	Fall & Spring	Varies	3	
MATH 2320	Fall & Spring	MATH 2220, MATH 2310 with C- or better	4	PHYS 2600L	Spring	PHYS 2510 and MATH 2310	1	
NSCI 3300	Fall	NSCI 2300	1	PHYS 2700	Spring	MATH 2310; PHYS 1500, 2510, and 2510L	3	
PHYS 3300	Fall	PHYS 2510 and PHYS 2510L	3	General Education	Fall & Spring		3	
General Education	Fall & Spring		3	General Education	Fall & Spring		3	
				Free Elective	Fall & Spring		3	
Semester Total			14	Semester Total			16	

Year 4: Senior Year				Year Total				34
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
BIOL 2010 (or Group C or D)	Fall & Spring	CHEM 2100 with a grade of C or higher	5	BIOL 2020 (or Continue Group C or D)	Spring	Varies	5	
General Education (UD)	Fall & Spring		3	NSCI 4300	Spring	NSCI 3300	2	
PHYS 3100	Fall	See Catalog	4	PHYS 3800	Spring	PHYS 3300, PHYS 2700, PHYS 2600L	2	
PHYS/ASTR Concentration Elective	Fall & Spring	Varies	3	General Education	Fall & Spring		3	
Free Elective	Fall & Spring		2	General Education (UD)	Fall & Spring		3	
				Free Elective	Fall & Spring		2	
Semester Total			17	Semester Total			17	
							Degree Units Total	122

NSPHCNSBSX

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The roadmap is an academic planning resource. Students should refer to their PAWS Report and Academic Catalog for graduation requirements.

If a student takes Group A for Biology Series I, they need to take two courses for Series II, and one of those two courses (BIOL 2230) is only offered in the Fall.