

Bachelor of Science - Physics
First Time Freshman Academic Roadmap

Year 1: Freshman Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
CHEM 2100 (GE B1)	Fall & Spring	MATH 1301, 1401, 1601, 2210, or 2220	4	MATH 2220	Fall & Spring	MATH 2210	4
CHEM 2100L (GE B3)	Fall & Spring	CHEM 2100 (Corequisite)	1	PHYS 2500	Fall & Spring	MATH 2210, 2220	4
MATH 2210 (GE B4)	Fall & Spring	MATH 1401 or Placement Exam	4	PHYS 2500L	Fall & Spring	MATH 2210, 2220; PHYS 2500	1
PHYS 1500	Fall		3	Critical Thinking (GE A3)	Fall & Spring		3
Oral Communication (GE A1)	Fall & Spring		3	Written Communication (GE A2)	Fall & Spring		3
Semester Total			15	Semester Total			15

Year 2: Sophomore Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
MATH 2310	Fall & Spring	MATH 2210, 2220	4	MATH 2320	Fall & Spring	MATH 2220, 2310	4
PHYS 2510	Fall & Spring	PHYS 2500, MATH 2220	4	PHYS 2600L	Spring	PHYS 2210; MATH 2310	1
PHYS 2510L	Fall & Spring	PHYS 2510, 2500/L; MATH 2220	1	PHYS 2700	Spring	PHYS 1500, 2510/L; MATH 2310, 2320	3
General Education	Fall & Spring		3	General Education	Fall & Spring		3
General Education	Fall & Spring		3	General Education	Fall & Spring		3
Semester Total			15	Semester Total			14

Year 3: Junior Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
PHYS 3100	Fall	MATH 2310, 2320; PHYS 1000, 2510	4	PHYS 3300	Spring	PHYS 2510, 2510L, 3100 (Corequisite)	3
PHYS 3200	Fall	PHYS 2510/2510L, 3100	4	PHYS 3400	Spring	PHYS 2700, PHYS 3100	3
PHYS 3500	Fall	PHYS 2700, PHYS 3100 (Corequisite)	4	PHYS 3800	Spring	PHYS 2600L, 2700, 3300	2
General Education	Fall & Spring		3	PHYS Elective	Fall & Spring	Varies	3
General Education	Fall & Spring		3	General Education	Fall & Spring		3
Semester Total			18	Semester Total			14

Year 4: Senior Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
PHYS 4400	Fall	PHYS 3400	3	PHYS Elective	Fall & Spring	Varies	3
PHYS 4700	Fall	PHYS 2700, 3100, 3200, 3400	4	PHYS Elective	Fall & Spring	Varies	3
PHYS 4800 (WI)	Fall	PHYS 3200, 3400, 3800	2	General Education (UD)	Fall & Spring		3
General Education	Fall & Spring		3	General Education (UD)	Fall & Spring		3
General Education (UD)	Fall & Spring		3	Free Elective	Fall & Spring		2
Semester Total			15	Semester Total			14
Degree Units Total							120

PHYSICNSBSX

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