

**BS in Natural Science (without licensure), Physics Concentration**

**Three-year degree completion plan**

**Fall semester, first year**

PHYS 2211	Calculus-based Physics 1	4
MATH 2110	Calculus 1	4
ENGL 1102	Discourse & Composition	3
	GEP course	3
COMM 1103	Public Speaking	3

17

**Spring semester, first year**

PHYS 2212	Calculus-based Physics 2	4
MATH 2120	Calculus 2	4
ENGL 1105	Composition & Argument	3
	GEP course	3
	elective course	3

17

**Summer semester, first year**

PHYS 2250	Modern Physics	3
	GEP course	3
	elective course	3

9

43 credits earned, first year

**Fall semester, second year**

PHYS 3020	Mechanics	3
MATH 2130	Calculus 3	4
	Natural Science elective	4
	GEP course	3
	elective course	3

17

**Spring semester, second year**

PHYS 3010	Thermodynamics	3
MATH 2300	Linear Algebra	3
	Natural Science elective	4
	GEP course	3
	elective course	3

16

**Summer semester, second year**

PHYS 3000	Intermediate Lab	2
	elective course	3
	elective course	3

8

41 credits earned, second year

**Fall semester, third year**

PHYS 4000	Electricity & Magnetism	3
MATH 3100	Ordinary Differential Equations	3
	Natural Science elective	4
	elective course	3
	elective course	3

16

**Spring semester, third year**

PHYS 4010	Quantum Mechanics	3
IDST 4490	Senior Seminar	3
	elective course	3
	elective course	3
	elective course	3
	elective course	3

18

**Summer semester, third year**

	elective course	3
	elective course	3
	elective course	3

9

43 credits earned, third year

127 Total

**COLOR KEY:**

Physics
GEP requirements
Additional Science/Math
General Electives
COMM 1103