

B.S. Physics: Typical 4-Year Sequence

Concentration: General Physics

Freshman Year		Hrs		Hrs
PHYS 2110/2111 – Sci/Eng Phys I	4	PHYS 2120/2121– Sci/Eng Phys II	4	
MATH 1910 – Calculus I	4	MATH 1920 – Calculus II	4	
Foreign Language /B.S.	3	PHYS 2990 – Research Physics I	1	
ENGL 1010*	3	Foreign Language/B.S.	3	
		ENGL 1020*	3	
Semester Total	14			15
Sophomore Year				
PHYS 3010 – Modern Phys	3	PHYS 3011 – Meth Theor Phys	3	
MATH 2110 – Calculus III	4	PHYS 3060 – Adv Phys Meth	3	
CHEM 1110/1111 – Gen Chem I	4	MATH 3120 – Diff Equations	3	
COMM 2381*	3	CHEM 1120/1121 – Gen Chem II	4	
Elective	2	Social/Behavioral Sciences*	3	
Semester Total	16			16
Junior Year				
PHYS 3111– Mechanics	3	PHYS 3211 – Electricity/Magnetism	3	
UD PHYS	3	PHYS 3990 – Research Physics II	2	
History*	3	Humanities*	3	
ENGL 2201 or 2202*	3	History *	3	
Social/Behavioral Sciences*	3	Social Science/B.S.	3	
Semester Total	15			14
Senior Year				
PHYS 4410 – Quantum Phys	3	PHYS 4510 – Thermal/Stat Phys	3	
PHYS 4211 – Waves & Optics	3	UD PHYS	3	
Humanities/B.S.	3	Humanities*	3	
UD Elective	3	Elective	3	
Elective	3	Elective	3	
Semester Total	15			15

Total hours: 120

Total hours required for graduation: 120

* Must satisfy University General Education Program Requirement