

Northwest Nazarene University
Bachelor of Science in Physics
2021 Plan of Study (122 credits)

Fall			First year			Spring		
Course #	Cr	Course Title		Course #	Cr	Course Title		
MATH 2510	4	Calculus I		MATH 2520	4	Calculus II		
ENGR 1100	3	Engineering Software Skills		PHYS 2110	4	Physics I + Lab		
HUMN1010	1	Cornerstone		KINE	2	Wellness & Activity		
ENGL 1030	3	University Writing		BIBL 1100	3	Biblical Studies		
	3	Elective			3	Elective		
	14				16			

Fall			Second year			Spring		
Course #	Cr	Course Title		Course #	Cr	Course Title		
MATH 3540	4	Differential Equations		MATH 3530	4	Calculus III		
PHYS 2120	4	Physics II + Lab		ENGR 2310	1	Instrumentation & Msmt Lab		
THEO 2100	3	Christian Theology		PHYS 3130	4	Modern Physics + Lab		
	3	Elective			3	Social Science Elective		
	3	Elective			3	Elective		
	17				15			

Fall			Third year			Spring		
Course #	Cr	Course Title		Course #	Cr	Course Title		
PHYS 3500	3	Statistical Analysis for P&E			3	Bible/Theology Elective		
MATH 3560	3	Numerical Analysis		CHEM3510	3	Thermodynamics & Kinetics		
CHEM 2230	4	Chemistry for Engineer+Lab		ENGL	3	Literature Elective		
PHYS 3410	3	Analytic Mechanics		PHYS 4810	3	Quantum Mechanics		
				ENGL 3015	3	Technical Writing		
	13				15			

Fall			Fourth year			Spring		
Course #	Cr	Course Title		Course #	Cr	Course Title		
PHYS 4970	1	Senior Research		PHYS 4980	1	Senior Capstone		
	3	Art/Music Elective			3	Philosophy Elective		
	3	Elective			3	Non US History Elective		
COMM3211	3	Technical Communication			3	US History Elective		
PHYS4610	3	Electromagnetics		PHYS4720	3	Solid State Physics		
	3	Elective			3	Elective		
	16				16			