

**Northwest Nazarene University**  
**Bachelor of Science in Physics**  
**2020 Plan of Study (122 credits)**

<b>Fall</b>				<b>First year</b>				<b>Spring</b>			
<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>	
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					
	<b>14</b>				<b>16</b>						

<b>Fall</b>				<b>Second year</b>				<b>Spring</b>			
<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>	
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					
	<b>14</b>				<b>15</b>						

<b>Fall</b>				<b>Third year</b>				<b>Spring</b>			
<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>		<b>Course #</b>	<b>Cr</b>	<b>Course Title</b>	
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					
COMM3211	3	Technical Communication		ENGL 3015	3	Technical Writing					
	<b>16</b>				<b>15</b>						

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