

**Northwest Nazarene University**  
**Bachelor of Science in Engineering – Civil Engineering Concentration**  
**2022 Plan of Study (128 credits)**

Freshman year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 1010	3	Intro to Engineering	MWF 12:05 Parke
MATH 2510	4	Calculus I	MWF2:15 Kornrtved
ENGR 1100	3	Engineering Software Skills	MWF 9:05 Griffin
HUMN1020	1	Cornerstone	
ENGL 1030	3	University Writing	
<b>14</b>			
Sophomore year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 2100	3	Statics	MWF 1:10 Pratt
ENGR 2200	3	Digital Systems	T 8:00-11 Griffin
ENGR2200L	1	Digital Systems Lab	R 8:00-11 Griffin
MATH 3540	4	Differential Equations	MWF 9:05 Colwell
PHYS 2120	3	Physics II	MWF 8:00 Pearson
PHYS2120L	1	Physics II Lab	T 12 & 3 Allen
	2	Wellness + Activity	
<b>17</b>			

Sophomore year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 3120	3	Dynamics	MWF2:15 Lawrence
ENGR 2210	3	Electrical Circuits	MWF 1:10 Griffin
ENGR2210L	1	Electrical Circuits Lab	T 8 Griffin
MATH 3530	4	Calculus III	MWF 9:05 Colwell
ENGR 2310	1	Instrumentation & Msmt Lab	R 12 Parke
CE 270	2	Geomag	BSU Civil
THEO 2100	3	Christian Theology	
<b>17</b>			

Junior year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 3400	3	Control Systems	MWF11:00 Bulanon
ENGR3400L	1	Control Systems Lab	T 8 Bulanon
PHYS 3500	3	Statistical Analysis for P&E	MWF12:05 Pearson
ENGR 3100	3	Mechanics of Materials	MWF 8:00 Pratt
CHEM 2230	3	Chemistry for Engineers	MWF 9:05 Harris
CHEM2230L	1	Chemistry for Engineers Lab	R 12 Harris
CE 370	3	Transportation Engr	BSU Civil
<b>17</b>			
Senior year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 4971	2	Senior Design Project I	TR 1:40 Parke/Bul
COMM3211	3	Technical Communication	MWF 9:05 Allen
CE 320	3	Environmental Engr	BSU Civil
ENGR 4100	3	Bible/Theology Elective	
	3	Fluid Mechanics	MWF 12:05 Pratt
	3	Art/Music Elective	
<b>17</b>			

Senior year			
Fall		Spring	
Course #	Cr	Course Title	Days/Time/Instr
ENGR 4972	2	Senior Design Project II	TF 1:40 Parke/Bul
	3	Philosophy Elective	
	3	Non US History Elective	
ENGR 4120	1	Fluids & Thermal Lab	R 12 Pratt
CE 346	1	Soils/Concrete Lab	BSU Civil
CE 360	3	Soils Engr	BSU Civil
<b>13</b>			