

North Carolina State University

Civil Engineering Curriculum (Effective 07-01-2021)

2 + 2 Program with UNC Asheville

FALL SEMESTER

SPRING SEMESTER

Freshman Year (UNC Asheville)

MATH 191	Calculus I	4	MATH 192	Calculus II	4
LANG 120	Acad. Writing & Crit Inquiry	4	PHYS 221	Physics I	4
CHEM 132	General Chemistry	3	ECON 104	Microecon. Princip. for Engineer.	3
CHEM 111	General Chemistry Lab	1	***	***	3
E 101	Intro to Engr & Prob Solv	1	***	***	3
JEM 123	Intro to CAD for Mechat. Eng.	1			17
FYS 178	First Year Seminar	<u>3</u>			
		17			

Sophomore Year (UNC Asheville)

MATH 291	Calculus III	4	MATH 394	Differential Equations (a)	3
PHYS 222	Physics II	4	MAE 214	Solid Mechanics	3
MSE 201	Struc & Prop of Engr Matls	3	***	***	3
MAE 206	Engineering Statics	<u>3</u>	***	***	3
		14	STAT 225	Calculus-Based Statistics	<u>4</u>
					16

Junior Year (NC State)

CE ***	Lab Intensive Elective I	3	CE ***	Junior Elective I	3
CE ***	Elective I	3	CE ***	Lab Intensive Elective II	3
CE 282	Hydraulics	3	CE ***	Elective II	3
E 115	Intro to Computing Environ	1	CE ***	Junior Elective II	3
CSC 111	Intro to Computing: Python	3	***	***	3
CE 250	Intro to Sustain. Infrast.	3	TDE 220	Civil Engineering Graphics	<u>3</u>
HES ***	Health Exercise Studies	<u>1</u>			18
		17			

Senior Year (NC State)

CE ***	CE Senior Elective I	3	CE ***	CE Senior Elective III	3
CE ***	CE Senior Elective II	3	CE ***	CE Senior Elective IV	3
***	***	3	CE ***	Senior Design	3
COM 110	Public Speaking (b)	3	***	***	2
***	***	<u>3</u>	HES ***	Phys Ed/Healthy Living Course	1
		15	***	***	<u>3</u>
					15

(a) or MATH 365 (3)

(b) or ENG 331 (3)