

North Carolina State University

Civil Engineering Curriculum (Effective 01-01-2016)

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	Academic Writing & Crit Inquiry	4	ECON 102	Prin of Microeconomics (GEP)	3
E 101	Intro to Engr & Prob Solv	1	PHYS 221	Physics I	4
CHEM 111	General Chemistry Lab	1	XXX	GEP Course	<u>3</u>
CHEM 132	General Chemistry	3			14
XXX	GEP Course	<u>3</u>			
		16			

Sophomore Year (UNC Asheville)

MATH 291	Calculus III	4	MATH 394a	Differential Equations	3
PHYS 222	Physics II	4	XXX	CE/MA/SCI Elective	3
MSE 201	Struc & Prop of Engr Matls	3	MAE 214	<i>Solid Mechanics</i>	3
MAE 206	<i>Engineering Statics</i>	3	CSCI 183	Intro Prog: Numerical Applic	3
DFT 170*	Engineering Graphics	<u>3</u>	XXX	GEP Course	<u>3</u>
		17			15

Junior Year (NC State)

CE XXX	Area Intro Elective I	3	CE 382	Hydraulics	3
CE XXX	Area Intro Elective II	3	CE XXX	Area Intro Elective IV	3
CE XXX	Area Intro Elective III	3	CE XXX	Area Intro Elective V	3
CE 390	Engineering Economics	1	XXX	CE Elective I	3
XXX	GEP Course	3	XXX	CE Elective II	3
ST 370	Prob & Stat for Engineers	3	XXX	Basic Science Elective	3
E 115	Intro to Computing Environ	<u>1</u>	CE XXX	CE Lab if needed (1 cr)	<u>0</u>
		17			18

Senior Year (NC State)

CE XXX	CE Elective III	3	CE XXX	CE Elective VI	3
CE XXX	CE Elective IV	3	CE XXX	CE Elective VII	3
CE XXX	CE Elective V	3	MAE 201c	Engr Thermodynamics I	3
COM 110b	Public Speaking	3	XXX	GEP Course	3
XXX	GEP Course	<u>3</u>	HES XXX	Health Exercise Studies	1
		15	HESF XXX	Health Exercise Studies	<u>1</u>
					14

Total hours shown: 127

Italics indicates the course is received from NC State by distance education technology.

* Available at AB Tech

a or MATH 365(3) b or ENG 331(3) c or ECE 331(3)