

UNC-Charlotte Civil Engineering

(Unofficial Community Colleges to UNC-Charlotte Curriculum)

Degree Earned: UNC-Charlotte Bachelor of Engineering –Civil Engineering

Transfer GPA = 2.5

Effective: 2017

Grey Highlighted Courses – Take Courses at UNC-Charlotte

FRESHMAN YEAR					
Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
MAT 271	MATH 1241 Calculus I	3	MAT 272	MATH 1242 Calculus II	3
ENG 111			PHY 251	PHYS 2101 Physics I	3
EGR 150	ENGR 1201 Intro to Engineering I	2	PHY 251	PHYS 1201L Physics I Lab	1
ART, MUS	LBST 1100 series: Arts & Society	3	ENG 112	UWRT 1103 or 1104 Writing & Inquiry in Academic Contexts II	3
BIO 111/GEO 111	Science Elective (Biology or Geology)	3	UNC-C	ENGR 1202 Intro to Engineering II	2
PSY 150, SOC 210, POL 120	Social Science Elective	3	HIS 111/112	LBST Series	3
		14			15

SOPHOMORE YEAR					
Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
MAT 273	MATH 2241 Calculus III	3	MAT 285	MATH 2171 Differential Equations	3
PHY 252	PHYS 2102 Physics II	3	UNC-C	CEGR 2104 Survey & Site Design	3
PHY 252	PHYS 2102L Physics II Lab	1	UNC-C	CEGR 2154 Design Project Lab (Sophomore)	2
UNC-C	CEGR 2101 Civil Engineering Drawing	2	CHM 151	CHEM 1251 Principles of Chemistry I	3
UNC-C	CEGR 2102 Engineering Economics	3	CHM 151	CHEM 1251L Principles of Chemistry I Lab	1
COM 231	LBST 2301 Critical Thinking and Communication	3	UNC-C	MEGR 2144 Introduction to Solid Mechanics	3
EGR 220	MEGR 2141 Engineering Mechanics I - Statics	3	UNC-C	CEGR 3255 Structural Materials Lab	2
		18			17

JUNIOR YEAR					
Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	CEGR 3143 Hydraulics & Hydrology I	3	UNC-C	CEGR 3161 Transportation Engineering I	3
UNC-C	CEGR 3141 Intro to Environmental Engr I	3	UNC-C	CEGR 3153 Transportation Lab I	2
UNC-C	CEGR 3155 Intro to Environmental Engr Lab	2	EGR 225	MEGR/CEGR Elective – required MEGR 3121 technical elective	3
UNC-C	CEGR 3278 Geotechnical Engineering	3	UNC-C	MEGR/CEGR Elective	3
UNC-C	CEGR 3258 Geotechnical Lab	2	UNC-C	CEGR 3111 Construction Engineering	3
UNC-C	CEGR 3122 Structural Analysis	3	UNC-C	CEGR XXXX CEGR Design Elective	3
		16			17

SENIOR YEAR					
Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	STAT 3128 Probability & Statistics for Engrs	3	UNC-C	CEGR 3201 Systems & Design (Senior Design)	3
UNC-C	CEGR XXXX CEGR Elective	3	UNC-C	XXXX XXXX Tech Elective	3
UNC-C	ENGR 3295 Professional Development	1	UNC-C	CEGR XXXX CEGR Elective	3
	Elective	3	UNC-C	CEGR XXXX CEGR Elective	3
UNC-C	CEGR XXXX CEGR Design Elective	3	PHI 240	LBST 22XX series: Ethical Issues and Cultural Critique	3
MAT 280	Math/Science Elective – MATH 2171	3			
		16			15

UNC-Charlotte - Minimum Credit Hours Required for Graduation in Civil and Environmental Engineering 128

