

UNC-Charlotte Computer Engineering

(Unofficial Community Colleges to UNC-Charlotte)

Degree Earned: UNC-Charlotte Bachelor of Science Computer Engineering

Transfer GPA = 2.5

Effective: 2017

Grey Highlighted Courses – Take Courses at UNC-Charlotte

FRESHMAN YEAR

<u>Com College</u>	<u>Fall Semester</u>	<u>Credit</u>	<u>Com College</u>	<u>Spring Semester</u>	<u>Credit</u>
ART 111, 114, 115, MUS 110	LBST 1100 Series: Arts and Society	3	ENG 112	UWRT 1103 Writing & Inquiry in Academic Contexts II	3
EGR 150	ENGR 1201 Engr Practices & Principles I	2	UNC-C	ENGR 1202 Introduction to Engineering II	2
CHM 151	CHEM 1251 Chemistry I	3	PHY 251	PHYS 2101 Physics for Science & Engr I	3
CHM 151	CHEM 1251L Chemistry Laboratory	1	PHY 251	PHYS 2101L Physics for Science & Engr Lab	1
CSC 134	ECGR 2103 Computer Utilization in C++	3	UNC-C	ECGR 2104 Computer Engineering Programming II	3
MAT 271	MATH 1241 Calculus I	3	MAT 272	MATH 1242 Calculus II	3
15			15		

SOPHOMORE YEAR

<u>Com College</u>	<u>Fall Semester</u>	<u>Credit</u>	<u>Com College</u>	<u>Spring Semester</u>	<u>Credit</u>
UNC-C	ECGR 2111 Network Theory I	3	UNC-C	ECGR 2112 Network Theory II	3
UNC-C	ECGR 2155 Instrumentation & Networks Lab	1	UNC-C	ECGR 2156 Logic & Networks Lab	1
UNC-C	ECGR 2181 Logic System Design I	3	UNC-C	ECGR 2252 ECE Sophomore Design	2
MAT 285	MATH 2171 Differential Equations	3		LBST 2310 Critical Thinking and Communication	3
PHY 252	PHYS 2102 Physics II	3	MAT 273	MATH 2241 Calculus III	3
PHY 252	PHYS 2102L Physics II Lab	1	MAT 280	MATH 2164 Matrices and Linear Algebra	3
14			15		

JUNIOR YEAR

<u>Com College</u>	<u>Fall Semester</u>	<u>Credit</u>	<u>Com College</u>	<u>Spring Semester</u>	<u>Credit</u>
UNC-C	ECGR 3111 Signals & Systems	3	UNC-C	ECGR 3101 Embedded Systems	3
UNC-C	ECGR 3131 Fund. of Electronics/Semiconductors	3	UNC-C	ECGR 3123 Data Communications & Networking	3
UNC-C	ECGR 3155 Systems & Electronics Lab	1	UNC-C	ECGR 3132 Electronics	3
UNC-C	ECGR 3183 Computer Org. and Prog. Languages	3	UNC-C	ECGR 3157 ECE Junior Design	2
UNC-C	MATH 1165 Introduction to Discrete Structures	3	HIS 111/112 HUM 110, REL	LBST 2102 Liberal Studies Course	3
PHI 240	LBST 2200 series: Ethical Issues & Cultural Critique	3	ECO 251	ECON 2101 Principles of Macro Economics or ECON 2102 Principles of Micro Economics	3
16			17		

SENIOR YEAR

<u>Com College</u>	<u>Fall Semester</u>	<u>Credit</u>	<u>Com College</u>	<u>Spring Semester</u>	<u>Credit</u>
UNC-C	ECGR 4232 Computer Engr Senior Design I	2	UNC-C	ECGR 4242 Computer Engr Senior Design II	3
UNC-C	ECGR 4XXX Technical Elective #1	3	UNC-C	Depth Elective #2	3
UNC-C	ECGR 4124 Digital Signal Processing	3	UNC-C	Depth Elective #3	3
UNC-C	ECGR 3295 Professional Development	1	UNC-C	ECGR 4XXX Technical Elective #2	3
UNC-C	Depth Elective #1	3	UNC-C	ECGR 4XXX Technical Elective #3	3
UNC-C	STAT 3128 Probability & Stats for Engineers	3	UNC-C	EGCR 3159 Professional Practice	2
15			17		

UNC-Charlotte - Minimum Credit Hours Required for Graduation in Computer Engineering

124