



**Chemical Engineering Major Pathway
North Carolina A&T (9 Semester Hours)**

AE to BS in CHEM ENG at NCAT

SEMESTER 1 FALL

- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- EGR 150 (FA).....2

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU).....4
- PHI 240 * (FA,SP,SU).....3

SUMMER SEMESTER

- MAT 271 * (FA,SP,SU).....4
- FINE ARTS GROUP3

SEMESTER 3 FALL

- MAT 272 * (FA,SU).....4
- PHY 251 * (FA).....4
- HISTORY GROUP3

SEMESTER 4 SPRING

- MAT 273 * (FA,SP,SU).....4
- PHY 252 * (SP).....4
- MAT 285 * (SP).....3

SEMESTER 5 FALL

- CHM 151 (FA,SP,SU).....4
- BIO 111 (FA,SP,SU).....4
- EGR ELECTIVE3

SEMESTER 6 SPRING

- ECO 251 (FA,SP,SU).....3
- CHM 152 * (FA,SP).....4
- EGR ELECTIVE3

TOTAL.....70

**Has a prerequisite*

FINE ARTS GROUP

ART 111 (FA,SP,SU)
ART 114 * (FA,SP)

ART 115 * (FA,SP)
COM 231 *(FA,SP,SU)

MUS 110 (FA,SP,SU)
MUS 112 (FA,SP,SU)

HISTORY GROUP

HIS 111 (FA,SP,SU)

HIS 112 (FA,SP,SU)

EGR ELECTIVE

CSC 134 (SP)

CSC 151 (FA,SP)
DFT 170 (FA,SP)
ECO 252 (FA,SP,SU)

EGR 210 *
EGR 212 *
EGR 214 *

EGR 220 * (SP)
MAT 280 * (FA)



**Chemical Engineering Major Pathway
North Carolina A&T (12 Semester Hours)**

AE to BS in CHEM ENG at NCAT

SEMESTER 1 FALL

- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- EGR 150 (FA).....2
- FINE ARTS GROUP3

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU).....4
- CHM 151 (FA,SP,SU).....4
- PHI 240 * (FA,SP,SU).....3

SUMMER SEMESTER

- MAT 271 * (FA,SP,SU).....4

SEMESTER 3 FALL

- MAT 272 * (FA,SU).....4
- PHY 251 * (FA).....4
- CHM 152 * (FA,SP).....4
- HISTORY GROUP3

SEMESTER 4 SPRING

- MAT 273 * (FA,SP,SU).....4
- PHY 252 * (SP).....4
- BIO 111 (FA,SP,SU).....4
- MAT 285 * (SP).....3

SEMESTER 5 FALL

- ECO 251 (FA,SP,SU).....3
- EGR ELECTIVE3
- EGR ELECTIVE3

TOTAL.....70

**Has a prerequisite*

FINE ARTS GROUP

ART 111 (FA,SP,SU)
ART 114 * (FA,SP)

ART 115 * (FA,SP)
COM 231 *(FA,SP,SU)

MUS 110 (FA,SP,SU)
MUS 112 (FA,SP,SU)

HISTORY GROUP

HIS 111 (FA,SP,SU)

HIS 112 (FA,SP,SU)

EGR ELECTIVE

CSC 134 (SP)

CSC 151 (FA,SP)
DFT 170 (FA,SP)
ECO 252 (FA,SP,SU)

EGR 210 *
EGR 212 *
EGR 214 *

EGR 220 * (SP)
MAT 280 * (FA)