



**Chemical Engineering Major Pathway  
NC State University (9 Semester Hours)**

**AE to BS in CHEM ENG at NCST**

**SEMESTER 1 FALL**

- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- CHM 151 (FA,SP,SU).....4

**SEMESTER 2 SPRING**

- ENG 112 \* (FA,SP,SU).....3
- MAT 172 \* (FA,SP,SU).....4
- CHM 152 \* (FA,SP).....4

**SUMMER SEMESTER**

- MAT 271 \* (FA,SP,SU).....4
- PSY 150 (FA,SP,SU).....3

**SEMESTER 3 FALL**

- MAT 272 \* (FA,SU).....4
- PHY 251 \* (FA).....4
- EGR 150 (FA).....2

**SEMESTER 4 SPRING**

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

**SEMESTER 5 FALL**

- DFT 170 (FA,SP).....3
- ENG 231 \* (FA,SP).....3
- EGR ELECTIVE .....3

**SEMESTER 6 SPRING**

- COM 231 \* (FA,SP,SU).....3
- ECO 251 (FA,SP,SU).....3
- EGR ELECTIVE .....2

**TOTAL.....68**

*\*Has a prerequisite*

**EGR ELECTIVE**

BIO 111 (FA,SP,SU)

CSC 134 (SP)

CSC 151 (FA,SP)

ECO 252 (FA,SP,SU)

EGR 210 \*

EGR 212 \*

EGR 214 \*

EGR 220 \* (SP)

MAT 280 \* (FA)



**Chemical Engineering Major Pathway**  
**NC State University (12 Semester Hours)**

**AE to BS in CHEM ENG at NCST**

**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
- CHM 151 (FA,SP,SU).....4

**SEMESTER 2 SPRING**

- ENG 112 \* (FA,SP,SU).....3
- MAT 172 \* (FA,SP,SU).....4
- CHM 152 \* (FA,SP).....4
- DFT 170 (FA,SP).....3

**SUMMER SEMESTER**

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

**SEMESTER 3 FALL**

- MAT 272 \* (FA,SU).....4
- PHY 251 \* (FA).....4
- COM 231 \* (FA,SP,SU).....3

**SEMESTER 4 SPRING**

- MAT 273 \* (FA,SP,SU).....4
- PHY 252 \* (SP).....4
- MAT 285 \* (SP).....3
- EGR ELECTIVE .....2

**SEMESTER 5 FALL**

- ECO 251 (FA,SP,SU).....3
- ENG 231 \* (FA,SP).....3
- PSY 150 (FA,SP,SU).....3
- EGR ELECTIVE .....3

**TOTAL.....68**

*\*Has a prerequisite*

**EGR ELECTIVE**

BIO 111 (FA,SP,SU)

CSC 134 (SP)

CSC 151 (FA,SP)

ECO 252 (FA,SP,SU)

EGR 210 \*

EGR 212 \*

EGR 214 \*

EGR 220 \* (SP)

MAT 280 \* (FA)