



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

AE to BS in IND 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

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU).....4
- CHM 151 (FA,SP,SU).....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
- DFT 170 (FA,SP).....3

EGR ELECTIVE

EGR ELECTIVE

BIO 111 (FA,SP,SU)
CHM 152 *(FA,SP)
CSC 134 (SP)

SEMESTER 4 SPRING

- MAT 273 * (FA,SP,SU).....4
- PHY 252 * (SP).....4
- ECO 251 (FA,SP,SU).....3

SEMESTER 5 FALL

- ENG 231 * (FA,SP).....3
- MAT 280 * (FA).....3
- EGR ELECTIVE3

SEMESTER 6 SPRING

- EGR 220 * (SP).....3
- MAT 285 * (SP).....3
- COM 231 * (FA,SP,SU).....3

TOTAL.....68

**Has a prerequisite*

CSC 151 (FA,SP)
ECO 252 (FA,SP,SU)
EGR 210 *

EGR 212 *
EGR 214 *



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

AE to BS in IND 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
- PSY 150 (FA,SP,SU).....3

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU).....4
- CHM 151 (FA,SP,SU).....4
- ECO 251 (FA,SP,SU).....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
- DFT 170 (FA,SP).....3

SEMESTER 4 SPRING

- MAT 273 * (FA,SP,SU).....4
- PHY 252 * (SP).....4
- EGR 220 * (SP).....3
- MAT 285 * (SP).....3

SEMESTER 5 FALL

- ENG 231 * (FA,SP).....3
- MAT 280 * (FA).....3
- EGR ELECTIVE3

TOTAL.....68

**Has a prerequisite*

EGR ELECTIVE
EGR ELECTIVE

BIO 111 (FA,SP,SU)
CHM 152 *(FA,SP)
CSC 134 (SP)

CSC 151 (FA,SP)
ECO 252 (FA,SP,SU)
EGR 210 *

EGR 212 *
EGR 214 *