



**Biological Engineering Major Pathway**  
**North Carolina State University (9 Semester Hours)**

**AA to BS in ACC at APP**

**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
- BIO 111 (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
- COM 231 \* (FA,SP,SU).....3

**SEMESTER 4 SPRING**

- MAT 273 \* (FA,SP,SU).....4
- PHY 252 \* (SP).....4
- EGR ELECTIVE .....1

**SEMESTER 5 FALL**

- CHM 151 (FA,SP,SU).....4
- ECO 251 (FA,SP,SU).....3
- ENG 231 \* (FA,SP).....3

**SEMESTER 6 SPRING**

- EGR 220 \* (SP).....3
- MAT 285 \* (SP).....3
- CHM 152 \* (FA,SP).....4

**TOTAL.....68**

*\*Has a prerequisite*

**EGR ELECTIVE**

CSC 134 (SP)

CSC 151 (FA,SP)

DFT 170 (FA,SP)

ECO 252 (FA,SP,SU)

EGR 210 \*

EGR 212 \*

EGR 214 \*

MAT 280 \* (FA)



**Biological Engineering Major Pathway**  
**North Carolina State University (12 Semester Hours)**

**AA to BS in ACC at APP**

**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
- COM 231 \* (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

**EGR ELECTIVE**

CSC 134 (SP)

CSC 151 (FA,SP)

DFT 170 (FA,SP)

ECO 252 (FA,SP,SU)

**SEMESTER 4 SPRING**

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

**SEMESTER 5 FALL**

- BIO 111 (FA,SP,SU).....4
- ECO 251 (FA,SP,SU).....3
- ENG 231 \* (FA,SP).....3
- EGR ELECTIVE .....1

**TOTAL.....68**

*\*Has a prerequisite*

EGR 210 \*

EGR 212 \*

EGR 214 \*

MAT 280 \* (FA)