### CHEMICAL AND BIOLOGICAL ENGINEERING CURRICULUM - BS CHE DEGREE

**PRE-MED SUGGESTED FLOWCHART**

#### Revised 6-25-13 CSB

**Fall - FRESH**
- CH 101 (4)
- ENGR 103 (3)
- MA 125 (4)
- BSC 116/117

**Spring - FRESH**
- CH 102 (4)
- ENGR 103 (3)
- MA 126 (4)
- (MA 145)

**Fall - SOPH**
- CH 231 (3)
- PH 105 (4)
- MA 227 (4)
- CHE 254 (4)

**Spring - SOPH**
- CH 232 (3)
- PH 106 (4)
- MA 238 (3)
- CHE 255 (4)

**Fall - JR**
- *Career EL (4)*
- *CHE EL (3)*
- *ENG EL (3)*

**Spring - JR**
- BSC 116/117
- *Career EL (1)*
- *ADV SCI EL (3)*

**Fall - SR**
- CHE 354 (3)
- CHE 493 (3)
- *CHE EL (3)*

**Spring - SR**
- CHE 304 (3)
- CHE 306 (3)
- CHE 323 (4)

**Course Offering**
- Summer Only
- Fall Only
- Spring Only

**Total Hours**
- 127

### Optional Courses
- MA 112 (3)
- MA 113 (3)
- MA 115 (3)
- MA 125 (4)

### Prior to Fall 2012, Career Electives were called Approved Electives, see advisor for info.

### See advisor for information on CAREER, CHE and ADV SCI electives (Check prerequisites)

### Corequisite
- Pre-requisites to ChE classes require a C-minus or better.

### Prerequisite
- Pre-med Career Electives: BSC 115 - 1hr, BSC 116/117- 4 hrs, plus 1 additional hr neede

### Senior standing required

### Engr Elective: MTE 271 or ECE 320 (Check prerequisites)

### Biochem Elective: CHE 445/545 or CH 461 (Check prerequisites)

### Can be replaced by CHE 321 (2) and CHE 322 (2), which are offered in the academic year.

### For students starting in MA 227 or higher, ENGR 103 can be replaced by taking an additional CHE, ENG or ADV SCI elective

### CHE 125 is recommended, but can be satisfied by taking ENGR 111 or other engineering intro courses.

### This flow chart requires 8 semesters plus 1 summer to graduate.