2019 CHEMICAL AND BIOLOGICAL ENGINEERING CURRICULUM - BS CHE DEGREE

Fall - FRESH
(CH 117) (CH 118)
CH 101 (4) CH 102 (4)

Spring - FRESH
(PH 125) (BSC 118)
PH 105 (4) BSC 114 (3)

Fall - SOPH
(MA 146) (MA 145)
MA 125 (4) MA 126 (4)

Spring - SOPH
(MA 247) (ENGR 123)
MA 227 (4) ENGR 103 (3)

Fall - JR
(CH 231) (CH 232)
CH 237 (2) CH 237 (2)

Spring - JR
(ENG EL (3)) (CHE EL (3))
ENG EL (3) CHE EL (3)

Fall - SR
(CHE 324) (CHE 325)
CHE 324 (3) CHE 325 (3)

Spring - SR
(ADV SCI EL (3)) (Biochem EL (3))
ADV SCI EL (3) Biochem EL (3)

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

Course Offering
- Summer Only

Total Hours
127

* See advisor for information on CAREER, CHE and ADV SCI electives (Check prerequisites)
* ENG Elective: MTE 271 or ECE 320 (Check prerequisites)
* Biochem Elective: CHE 445/446, BSC 450 or CH 461 (Check prerequisites)
* CHE 323 (4) can be replaced by academic year labs CHE 321 (2) and CHE 322 (2)
* CHE 321 pre-req: CHE 255 AND CHE 304; CHE 322 pre-reqs: CHE 305, 306 and 321
* Pre-med should also take Biology lab (BSC 115 - 1hr) and BSC 116/117 as Career Electives
* CHE 125 is recommended, but can be satisfied by taking ENGR 111 or other engineering intro courses
* requires senior-level standing.

Red arrows = new pre-requisites for Fall 2016 classes
Corequisite
Pre-requisites to required classes require a C-minus or better.
Prerequisite
* Enrollment capacity in CHE 323 is limited (regardless of intended graduation date)
** Summer courses may occasionally be offered, but they are never guaranteed.

THIS IS AN UNOFFICIAL FLOW CHART PREPARED TO ASSIST STUDENTS IN PLANNING THEIR COURSEWORK. THE UA UNDERGRADUATE CATALOGUE CONTAINS THE OFFICIAL LISTING OF ACADEMIC INFORMATION.

CHEMICAL AND BIOLOGICAL ENGINEERING AND OTHER DEPARTMENTS CHANGE THEIR PRE-REQUISITES AND CO-REQUISITES FROM TIME TO TIME. STUDENTS SHOULD CONSULT THE UA UNDERGRADUATE CATALOGUE AND SEEK ADVISING PRIOR TO REGISTERING FOR COURSES.