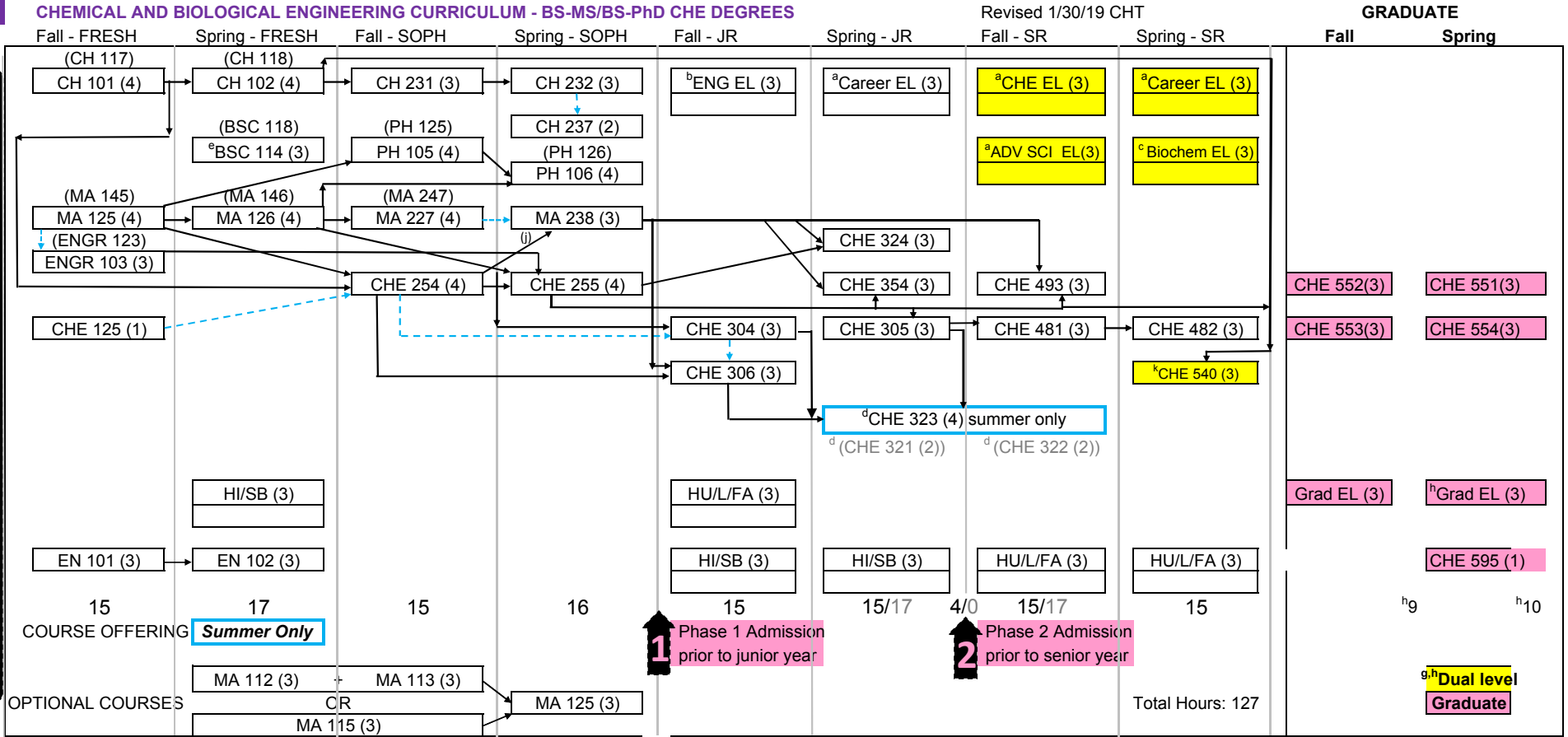


2018 CHEMICAL AND BIOLOGICAL ENGINEERING CURRICULUM - BS-MS/BS-PhD CHE DEGREES

2018 BS/MS-PhD ChE Scholars Flowchart



<sup>a</sup> See advisor for information on CAREER, CHE and ADV SCI electives (Check prerequisites)  
<sup>b</sup> ENG Elective: MTE 271 or ECE 320 (Check prerequisites)  
<sup>c</sup> Biochem Elective: CHE 445/545, BSC 450 or CH 461 (Check prerequisites)  
<sup>d</sup> can be replaced by CHE 321 (2) and CHE 322 (2), which are offered in the academic year.  
 CHE 321 pre-reqs: CHE 255 and CHE 304; CHE 322 pre-reqs: CHE 305, 306 and 321  
<sup>e</sup> Pre-med should also take Biology lab (BSC 115 - 1hr) and BSC 116/117 as Career Electives  
<sup>f</sup> CHE 125 is recommended, but can be satisfied by taking ENGR 111 or other engineering intro courses.

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.

Corequisite ----->  
 Prerequisite -----> **Apply to the Scholars Program through the ChBE Graduate Coordinator**

<sup>g</sup> Scholars program maximum 15 credit hours of 500-level course may be applied to BS degree  
<sup>h</sup> Of the 5 Dual level classes, two may be taken at the 400-level (with PRIOR approval of the graduate school)  
 See [http://graduate.ua.edu/academics/forms/approve\\_400.pdf](http://graduate.ua.edu/academics/forms/approve_400.pdf)  
 The remainder MUST be 500 level.

<sup>i</sup> The flow chart shows 1 extra class for the M.S.; as 30 hours total are needed plus CHE 595  
<sup>j</sup> An alternate prerequisite for MA 238 is CS 102. Credit for CS 102 can be obtained via a proctored CS 102 placement test, CLEP exam, or passing CS 102 course.  
<sup>k</sup> requires senior-level standing.

**This flow chart requires 10 semesters plus 1 summer to graduate with BS & MS degrees**

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