2017

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

Revised 2/9/2017 HSB

2017 BS/MS-PhD ChE Scholars Flowchart

Fall - FRESH	Spring - FRESH	Fall - SOPH	Spring - SOPH	Fall - JR	Spring - JR	Fall - SR	Spring - SR	GRADUATE Fall	GRADUATE Spring
(CH 117) CH 101 (4)	(CH 118) CH 102 (4)	CH 231 (3)	CH 232 (3)	[b]ENG EL (3)	[a]Career EL (3)	[a]CHE EL (3)	[a]Career EL (3)		
	(BSC 118) [e]BSC 114 (3)	(PH 125) PH 105 (4)	CH 237 (2) (PH 126) PH 106 (4)			[a]ADV SCI EL(3)	[c] Biochem EL (3)		
(MA 145) MA 125 (4)	(MA 146) MA 126 (4)	(MA 247) MA 227 (4)	MA 238 (3)		CHE 324 (3)				
ENGR 103 (3)		CHE 254 (4)	CHE 255 (4)		CHE 354 (3)	CHE 493 (3)		CHE 552(3)	CHE 551(3)
CHE 125 (1)				CHE 304 (3)	CHE 305 (3)	CHE 481 (3)	CHE 482 (3)	CHE 553(3)	CHE 554(3)
				CHE 306 (3)			CHE 540 (3)		
					[d]CHE 323 (4) summer only [d] (CHE 321 (2))	[d] (CHE 322 (2))			
	HI/SB (3)			HU/L/FA (3)				Grad EL (3)	[h]Grad EL (3)
EN 101 (3)	EN 102 (3)			HI/SB (3)	HI/SB (3)	HU/L/FA (3)	HU/L/FA (3)		CHE 595 (1)
15	17	15	16	15	15/17	4/0 15/17	15	[h]9	[h]10
COURSE OFFERING	***Summer Only***			1 Phase 1 Admission prior to junior year		2 Phase 2 Admission prior to senior year			
OPTIONAL COURSES	MA 112 (3) + OR MA 115 (3)	MA 113 (3)	MA 125 (3)				Total Hours: 127		[g,h]**Dual level Graduate**

Corequisite - - - →

Prerequisite ——→

Apply to the Scholars Program through the ChBE Graduate Coordinator

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

[b] ENG Elective: MTE 271 or ECE 320 (Check prerequisites)

[c] Biochem Elective: CHE 445/545, BSC 450 or CH 461 (Check prerequisites)

[d] 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

[e] Pre-med should also take Biology lab (BSC 115 - 1hr) and BSC 116/117 as Career Electives

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

[g] Scholars program maximum 15 credit hours of 500-level course may be applied to BS degree

[h] 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
The remainder MUST be 500 level.

[i] The flow chart shows 1 extra class for the M.S; as 30 hours total are needed plus CHE 595

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.

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.