

Dual Major CHE/BIOE Flowchart

* Please consult flowcharts for individual program for prerequisite information

2021-2022 Catalog

Year 1		Year 2		Year 3		Year 4		Year 5
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL
CORE IA, IH, IS or D 3 cr					CORE IA, IH, IS or D 3 cr	CORE IA, IH, IS or D 3 cr		CORE IA, IH, IS or D 3 cr
CORE W or US 3 cr	CORE W or US 3 cr							
CHMY-141 4 cr	CHMY-143 4 cr	CHMY-211 5 cr	EBIO 216 3 cr	EBIO 324 (c) 3 cr	EBIO 438 3 cr		CHMY-373 3 cr	EMAT 251 3 cr
CHBE Intro* 2 cr	EGEN 102 3 cr	ECHM 201 4 cr		ECHM 307 3 cr	ECHM 323 3 cr	CHBE Design I* 3 cr	CHBE Design II* 3 cr	
			ECHM 321 3 cr			CHBE Lab I* 3 cr	ECHM 443 LECT./LAB 3 cr	ECHM 424 (b) 3 cr
	BIOB 160 or BIOB 260 4 cr	PHSX 220 4 cr		ECHM 322 (b) 3 cr	ECHM 328 (b) 3 cr	ECHM 407 (b) 2 cr	EBIO 443 (c) LECT./LAB 3 cr	EMAT 464 3 cr
M-171Q 4 cr	M-172Q 4 cr	M-273Q 4 cr	M-274 4 cr				ECHM 451 (b) 3 cr	
			BIOM 360 5 cr	BCH 380 5 cr		PHSX 222 4 cr		EGEN 488 0 cr
				EGEN 350 2 cr	EGEN 310R 3 cr			EBIO 407 3 cr
16	18	17	15	16	18	15	15	15

*CHBE Intro → ECHM 100 or EBIO 100

Note: A dual-major curriculum must (145 total credits) meet graduation requirements for each degree. This flowsheet shows one way to do this, but this is not the only way to arrange these courses to meet the goal. To get the dual degrees you must reach 158 credits.

*CHBE Lab I → ECHM 442 or EBIO 442
 *CHBE Design I → ECHM 411R or EBIO 411R
 *CHBE Design II → ECHM 412R or EBIO 412R
 Please see MSU Catalog for Prerequisite List