

Chemical and Biomolecular Engineering BSChE Program - 2022-2023

--	--	--	--	--	--	--	--

Calculus I	Calculus II <MA125>	Calculus III <MA126>	Diff. Equations (MA227)	Separations I <CHE203>, (CHE331)	Sim. Chem Proc. <CHE311>	Separations II <CHE311, CHE322>	Design II <CHE461>
------------	------------------------	-------------------------	----------------------------	-------------------------------------	-----------------------------	------------------------------------	-----------------------

Chemistry I	Chemistry II <CH131>	Organic Chem. I <CH132>	Organic Chem. II <CH201>	Transport Phen. I <PH201, MA238, CHE203>	Transport Phen. II <CHE321>	Unit Ops Lab I <CHE322, CHE342, CHE351, CHE352>	Unit Ops Lab II <CHE311, CHE421, CHE441>
-------------	-------------------------	----------------------------	-----------------------------	------------------------------------------------	--------------------------------	-------------------------------------------------------	------------------------------------------------

Composition I	Composition II <EH101>	Mat. & Energy Bal. <CH132, MA126, EH101>	EG Economics <MA126>	Thermo I (CHE 351), <CH201,PH201, CHE203, MA238>	Thermo II <CHE331>, (CHE 352)	Design I <EG231, CHE311, CHE332, CHE342, CHE372>	
---------------	---------------------------	------------------------------------------------	-------------------------	--------------------------------------------------------	----------------------------------	--------------------------------------------------------	--

General Biology	Physics I (cal based) <MA125, EH101> (MA126)	Physics II (cal based) <PH201, MA126, EH101>		Modeling Lab (CHE311, CHE331)	Reactor Design <CHE331>, (CHE322, CHE332)	Proc. Controls <CHE372>	
-----------------	----------------------------------------------------	----------------------------------------------------	--	----------------------------------	-------------------------------------------------	----------------------------	--

Freshman Seminar				Intro Anal. Biochem. I	Measurement Lab <CHE351>, (CHE332,		
------------------	--	--	--	---------------------------	---------------------------------------	--	--

--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

Literature - 3 hrs required

EH 215, 216 British Literature
EH 225, 226 American Literature
EH 235, 236 World Literature

History -3 hrs required

HY 101, 102 History of Civilization
HY 135, 136 US History

Technical Electives

Choose one course from this list

Choose at least 6 hours from this list

CHE 490 Special Topics in Chemical Eng. (3 hrs)
CHE 494 Directed Independent Study (3 hrs)

