Chemical Engineering

Updated April 2021

Name:			Start Date:	
Student #:				
Term	**Courses**	**Course Name**	**Cr.hrs.**	**Passed**
1	APSC1013	Mechanics I	5	
	CMPE1003	Introduction to Computer Programming	4	
	ENGG1001	Engineering Practice Lecture Series	0	
	ENGG1003	Eng Technical Communications	4	
	ENGG1015	Intro to Eng Dsgn and Prob Solving	2	
	MATH1003	Introduction to Calculus I	3	
	MATH1503	Introduction to Linear Algebra	3	
2	APSC1023	Mechanics II	5	
	BIOL1205	Biology II	3	
	CHE2003	Fundamentals I - Mass Balances	3	
	CHEM1872	General Physical and Inorganic Chemistry	3	
	CHEM1877	General Physical and Inorganic Chem Lab	2	
	ECE 1813	Electricity and Magnetism	4	
	MATH1013	Introduction to Calculus II	3	
3	CHE2004	Fundamentals II - Mass & Energy Balances	4	
	CHE2501	General Materials Science	3	
	CHE2506	Materials Science Lab	1	
	CHEM2421	Organic Chemistry I	3	
	MATH2513	Multivariable Calculus for Engineers	4	
	STAT2593	Probability and Statistics for Engineers	3	
	CSE		3	
4	CHE2302	Transport Phenomena	4	
	CHE2412	Chemical Engineering Laboratory I	3	
	CHE2525	Fundamentals of Chemical Processes Design	4	
	MATH3503	Differential Equations for Engineers	3	
	ME2413	Thermodynamics I	3	
	ME3513	Fluid Mechanics	3	

Complimentary Studies Electives (CSE) *requirements for whole program*				
Hum & SS			3	
Business			3	
Other*			3	
Other*			3	

The choice of CSE courses is subject to the Faculty of Engineering regulations for Complementary Studies Electives and the following:

a. At least 3 ch must come from Humanities and Social Sciences (Anthropology, Classics, Literature, History, Philosophy, Political Science and Sociology).

b. An additional 3 ch must come from Business/Management (Business Admin, Tech. Management and Entrepreneurship, or select Economics courses).

c. The remaining 6 ch may be taken from Humanities, Business or any PSYC, RLS, ENVS, ENR, IDS, RCLP, ARTS, WLCS. Please check with advisor for approval. Bussiness courses are recommended to pursue the TME Diploma.

*No more than 3 ch of language courses may be used for credit toward the B.Sc.E. Degree.

Please visit UNB Calendar for further details (www.unb.ca/academics/calendar/undergraduate/current/index.html)