

Chemical Engineering

1st Semester

NMC

MTU

Number	Course Name	Cr	Number	Course Name	Cr
ENG 111	English Composition	4	UN 1015 HU 1XXX	Composition HASS Elective	3 1
EGR 101	Intro to Engineering	1	ENG 1XXE	ENG Elective	1
MTH 141	Calculus I	5	MA 1160 MA 1XXX	Calculus I STEM Math Elective	4 1
CHM 150R,L	General Chemistry I	5	CH 1150/51/53	University Chemistry I	5
* GEO 109	World Reg. Geo.	3	UN 1025	Global Issues	3
18			18		

2nd Semester

NMC

MTU

Number	Course Name	Cr	Number	Course Name	Cr
CIT 110	Programming Design	3	ENG 1101	Engrg Analysis & Prob	3
CHM 151R,L	General Chemistry I	5	CH 1160/61/63	University Chemistry II	5

Chemical Engineering

* Gen. Ed. required courses – some selected NMC courses may satisfy MTU requirements and Michigan Transfer Agreement. See advisor for Gen. Ed. courses and applicable MTA requirements.

NMC 73 credits transfer to MTU 65 program + 8 credits electives

3rd and 6th semester are summer sessions

Up to 3 additional credits of Physical Education may transfer.

Courses at MTU

6th Semester -Summer

CM 2110	Fund of ChE I	3
<u>CM 2120</u>	<u>Fund of ChE II</u>	<u>3</u>
		6

Junior year

7th Semester

CH 3510/11	Phy Chem I	5
CM 3110/15	Transport I	6
EC 3400	Econ. Desc. Analysis	3
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8th Semester

CM 3120	Transport II	3
CM 3230	Thermo	4
CM 3310	Process Control	3
	CM 3510 Chem Reac Eng	3
	Tech. Elective	3
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Senior Year

9th Semester

CM 4110	UO Lab	3
CM 4310	Pro Safety / Envir	3
CM 4855	ChE Design I	3
	Tech. Elective	3
	HASS Gen. Ed (3000+)	3
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10th Semester

CM 4120	Chem Plant Lab	3
CM 4860	ChE Design II	2
CM 4861	ChE Design II Lab	1
	Core Eng'g. Elective	5
	HASS Gen. Ed (3000+)	3
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