Chemical Engineering Degree Requirements

Mathematics 24 credits

MATH	124	(5)	_____	
	125	(5)	_____	
	126	(5)	_____	
	307	(3)	_____	or AMATH 351
	308	(3)	_____	or AMATH 352
	309	(3)	_____	or AMATH 353, MATH 390, or IND E 315

Physics 15 credits

PHYS	121	(5)	_____	
	122	(5)	_____	
	123	(5)	_____	

Computer Programming 4 credits

AMATH	301	(4)	_____	(or CSE 142)

Chemistry 29 credits

CHEM	142	(5)	_____	
	152	(5)	_____	
	162	(5)	_____	
	237	(4)	_____	
	238	(4)	_____	
	455	(3)	_____	
	457	(3)	_____	

Molecular and Nano Engineering 3 credits

CHEM E	455	(3)	_____	(or CHEM 461)

Thermodynamics 4 credits

CHEM E	260	(4)	_____	

Communic. Skills 12 credits

ENGL	131	(5)	_____	
HCDE	231	(3)	_____	
HCDE	333	(4)	_____	or ENGL 182* or ENGL 381

(*ENGL 182 only available at Comm. College)

Chemical Engineering 44 credits

CHEM E	310	(4)	_____
	326	(4)	_____
	330	(5)	_____
	340	(4)	_____
	435	(4)	_____
	436	(3)	_____
	437	(3)	_____
	465	(4)	_____
	480	(4)	_____
	485	(4)	_____
	486	(5)	_____

Engineering Electives 16 credits

_____	_____	(___)	_____
_____	_____	(___)	_____
_____	_____	(___)	_____
_____	_____	(___)	_____
_____	_____	(___)	_____

Free Electives 6 credits (if no excess credits in other categories)

_____	_____	(___)	_____
_____	_____	(___)	_____

VLPA and I&S 24 credits (10 credits in each area plus 4 credits in either area)

_____	_____	(___)	_____	_____	_____	(___)	_____
_____	_____	(___)	_____	_____	_____	(___)	_____
_____	_____	(___)	_____	_____	_____	(___)	_____
_____	_____	(___)	_____	_____	_____	(___)	_____

Courses shown in boxes are required for admission to Chemical Engineering