

First Year

Sophomore Year

Junior Year

Senior Year

Fall__

Spring__

Fall__

Spring__

Fall__

Spring__

Fall__

Spring__

CHE 410		
Group 3T		
SEM	CR	GRADE
	4	

General Education		
Historical Perspectives 4		
SEM	CR	GRADE
	4	

General Education		
Fine Arts 6		
SEM	CR	GRADE
	4	

CHE 601		
Fluid Mechanics		
SEM	CR	GRADE
	3	

General Education		
Social Science 7		
SEM	CR	GRADE
	4	

General Education		
Phil, Lit 8		
SEM	CR	GRADE
	4	

CHE 708*		
Capstone Design		
SEM	CR	GRADE
	4	

ENGL 401*		
First Year Writing		
SEM	CR	GRADE
	4	

General Education		
Foreign Culture 5		
SEM	CR	GRADE
	4	

CHE 501		
Intro to Chem Eng 1		
SEM	CR	GRADE
	3	

CHE 502		
Intro to Chem Eng 2		
SEM	CR	GRADE
	3	

CHE 604		
ChE Thermodynamics		
SEM	CR	GRADE
	3	

CHE 602		
Heat Transfer		
SEM	CR	GRADE
	3	

CHE 703		
Mass Transfer		
SEM	CR	GRADE
	3	

CHE 752		
Process Control		
SEM	CR	GRADE
	4	

Incoming students
see "Advising Notes"
on back page

MATH 425		
Calculus 1 QR		
SEM	CR	GRADE
	4	

MATH 426		
Calculus 2		
SEM	CR	GRADE
	4	

MATH 527		
Diff Equations		
SEM	CR	GRADE
	4	

CHE 603		
Applied Math		
SEM	CR	GRADE
	4	

CHE 614/CS 410/Tech Separations/ Programming/Elective		
SEM	CR	GRADE
	3	

CHE 707		
ChE Kinetics		
SEM	CR	GRADE
	3	

MATH 740		
Tech Elective		
SEM	CR	GRADE
	4	

PHYS 407		
Physics 1 Group 3 PS		
SEM	CR	GRADE
	4	

PHYS 408		
Physics 2		
SEM	CR	GRADE
	4	

CHE Elective		
ChE Elective 1		
SEM	CR	GRADE
	4	

CHE Elective		
ChE Elective 2		
SEM	CR	GRADE
	4	

CHE Elective		
ChE Elective 3		
SEM	CR	GRADE
	4	

CHEM 683		
Physical Chemistry 1		
SEM	CR	GRADE
	3	

CHEM 684		
Physical Chemistry 2		
SEM	CR	GRADE
	3	

CHEM 651		
Organic Chemistry 1		
SEM	CR	GRADE
	3	

CHEM 652A		
Organic Chemistry 2		
SEM	CR	GRADE
	3	

CHEM 405		
General Chemistry Group 3 PS		
SEM	CR	GRADE
	4	

CHEM 685		
Physical Chemistry Lab		
SEM	CR	GRADE
	2	

CHEM 686		
Physical Chemistry Lab		
SEM	CR	GRADE
	2	

CHEM 653		
Organic Chemistry Lab		
SEM	CR	GRADE
	2	

CHE 612*		
Unit Operations Lab 1		
SEM	CR	GRADE
	3	

CHE 713*		
Unit Operations Lab 2		
SEM	CR	GRADE
	3	

Sem: 16
Cum: 16

Sem: 16
Cum: 32

Sem: 16
Cum: 48

Sem: 16
Cum: 64

Sem: 15
Cum: 79

Sem: 16
Cum: 95

Sem: 17
Cum: 112

Sem: 16
Cum: 128

Continuous line = prerequisite, dashed line = pre- or co- requisite, solid corner triangle=critical path, *=WI

Green - ChE; Red - Discovery Program; Black - Other