



FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
---------------	--------------	-----	----	-----------	-------	---------------	--------------	-----	----	-----------	-------

FRESHMAN YEAR

CHE 1005	Intro to Chem Engineering		1	C	
<i>Prerequisite: Concurrent in Math 2200</i>					
MATH 2200	Calculus I	Q	4	C	
<i>Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640</i>					
CHEM 1020	Gen. Chemistry I	PN	4	C	
<i>Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450</i>					
LIFE 1010	General Biology I	PN	4	D	
<i>Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450</i>					
	USP: Communications I	C1	3	C	

COSC 1010	Intro to Computing		3	C	
<i>Prerequisite:</i>					
MATH 2205	Calculus II	Q	4	C	
<i>Prerequisite: C in MATH 2200</i>					
CHEM 1030	Adv. Gen Chemistry II	PN	4	C	
<i>Prerequisite: CHEM 1020</i>					
PHYS 1210	Engr Physics I	PN	4	C	
<i>Prerequisite: Concurrent in Math 2205</i>					

Total 16

Total 15

SOPHOMORE YEAR

MATH 2210	Calculus III		4	C	
<i>Prerequisite: C in MATH 2205</i>					
CHEM 2420	Organic Chemistry I		4	D	
<i>Prerequisite: CHEM 1030</i>					
CHE 2005	Chem Process Analysis		3	C	
<i>Prerequisite: C in CHEM 1020, Concurrent in MATH 2205</i>					
PHYS 1220	Eng. Physics II		4	D	
<i>Prerequisite: Concurrent in Math 2210</i>					

MATH 2310	Applied Differential Eqns I		3	C	
<i>Prerequisite: C in Math 2205</i>					
CHEM 2440	Organic Chemistry II		4	D	
<i>Prerequisite: CHEM 2420</i>					
CHE 2060	Intro to CHE Computing		3	C-	
<i>Prerequisite: C in COSC 1010 and CHE 2005, and Concurrent in MATH 2310</i>					
CHE 2070	Chemical Thermodynamics		3	C	
<i>Prerequisite: C in CHE 2005, PHYS 1210, and MATH 2210</i>					
CHE 2080	CHE Fluid Mechanics		3	C	
<i>Prerequisite: C in CHE 2005, PHYS 1210, and MATH 2210</i>					

Total 15

Total 16

JUNIOR YEAR

CHE 3015	Multicomponent Thermo		3	C	
<i>Prerequisite: C in CHE 2060 and CHE 2070</i>					
CHE 3026	Heat Transfer		3	C	
<i>Prerequisite: C in CHE 2060 and CHE 2080</i>					
CHEM 4507	Physical Chemistry		3	D	
<i>Prerequisite: C in MATH 2210, PHYS 1220, and CHEM 1030</i>					
	USP: Communications II	C2	3	C	
<i>Prerequisite: C in C1</i>					
CHE	Technical Elective		3	D	

CHE 3028	Mass Transfer		3	C	
<i>Prerequisite: C in CHE 2005, CHE 2060 and CHE 2080</i>					
CHE 4060	Reaction Engineering		3	C	
<i>Prerequisite: C in CHE 3015 and CHE 3026, Concurrent in CHE 3028</i>					
CHE	Technical Elective		3	D	
CHE	Technical Elective		3	D	
	USP: Human Culture	H	3	D	

Total 15

Total 15

SENIOR YEAR

CHE 3040	Unit Ops Lab I		3	C	
<i>Prerequisite: C- in CHE 3026, CHE 3028, and CHE 4060</i>					
CHE 4070	Process Sim, Economics, and Design		4	C	
<i>Prerequisite: C in CHE 2005, CHE 3015, CHE 3026 and CHE 3028</i>					
CHE 4090	Process Dynamic and Control		3	D	
<i>Prerequisite: C in CHE 3028 and CHE 4060</i>					
CHE	Technical Elective		3	D	
	USP: Human Culture	H	3	D	

CHE 4050	Unit Ops Lab II		3	D	
<i>Prerequisite: C in CHE 3040</i>					
CHE 4080	Senior Design (COM3)		4	C	
<i>Prerequisite: Concurrent in CHE 4070 and C in COM2</i>					
	Technical Elective		3	D	
	Technical Elective		3	D	
	USP: US & Wyo Const.	V	3		

Total 16

Total 16

Fall only or spring only course

Total Program Credits: 124

• A minimum of 124 hours is required. • A minimum of 48 hours must be upper division. • 30 hours of upper division must be from UW.

• 18 credits of Technical Electives required. • 16 credits of Technical Electives must be upper division. • A minimum of 12 credits of Technical Electives must be CHE • Technical Electives must be selected with advisor's approval from Department list or Department's documented approval.

• No more than (2) upper division CHE transfer courses can be applied to the CHE degree. CHE 4070 and CHE 4080 cannot be transferred to UW. All CHE transfer courses must be completed with a grade of C or better.

• Degree candidates must meet the academic requirements of the university, and must have a minimum GPA of 2.0 in all engineering courses, and a minimum GPA of 2.0 in all CHE courses attempted at UW.

• Students may not take a course for S/U credit to satisfy any requirement for a degree from the College of Engineering and Applied Science, unless the course is offered for S/U credit only.