



FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
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FRESHMAN YEAR

	USP: First Year Seminar	FYS	3	C		COSC 1010	Intro to Computing		3	C	
						<i>Prerequisite:</i>					
CHE 1005	Intro to Chem Engineering		1	C-		MATH 2205	Calculus II		4	C	
	<i>Prerequisite:</i> Concurrent in Math 2200										
MATH 2200	Calculus I	Q	4	C		CHEM 1060	Adv. Gen Chemistry II		4	C	
	<i>Prerequisite:</i> C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640										
CHEM 1050	Adv. Gen. Chemistry I	PN	4	C-		PHYS 1210	Engr Physics I		4	C	
	<i>Prerequisite:</i> Concurrent in Math 2200										
LIFE 1010	General Biology I	PN	4	D							
	<i>Prerequisite:</i> ACT Math 23 or concurrent										
Total			16			Total			15		

SOPHOMORE YEAR

MATH 2210	Calculus III		4	C		MATH 2310	Applied Differential Eqns I		3	C	
	<i>Prerequisite:</i> C in MATH 2205										
CHEM 2420	Organic Chemistry I		4	C		CHEM 2440	Organic Chemistry II		4	D	
	<i>Prerequisite:</i> D in CHEM 1060 or CHEM 1030										
CHE 2005	Chem Process Analysis		3	C-		CHE 2060	Intro to CHE Computing		3	C-	
	<i>Prerequisite:</i> C- in CHEM 1050/1020, Concurrent in MATH 2205										
PHYS 1220	Eng. Physics II		4	D		CHE 2070	Chemical Thermodynamics		3	C-	
	<i>Prerequisite:</i> Concurrent in Math 2210										
	USP: Communications I	C1	3	C		CHE 2080	CHE Fluid Mechanics		3	C-	
	<i>Prerequisite:</i> C- in CHE 2005 and PHYS 1210, and C in MATH 2210										
Total			18			Total			16		

JUNIOR YEAR

CHE 3015	Multicomponent Thermo		3	C-		CHE 3028	Mass Transfer		3	C-	
	<i>Prerequisite:</i> C- in CHE 2060 and CHE 2070										
CHE 3026	Heat Transfer		3	C-		CHE 4060	Reaction Engineering		3	C-	
	<i>Prerequisite:</i> C- in CHE 2060 and CHE 2080										
CHEM 4507	Physical Chemistry		3	D			Technical Elective		3	D	
	<i>Prerequisite:</i> C in MATH 2210, PHYS 1220, C CHEM 1060/1030										
	USP: Communications II	C2	3	C			Technical Elective		3	D	
	<i>Prerequisite:</i> C in C1										
	Technical Elective		3	D			USP: Human Culture	H	3	D	
Total			15			Total			15		

SENIOR YEAR

CHE 3040	Unit Ops Lab I		3	C-		CHE 4050	Unit Ops Lab II		3	C-	
	<i>Prerequisite:</i> C- in CHE 3026, CHE 3028, and CHE 4060										
CHE 4070	Process Sim, Economics, and Design		4	C-		CHE 4080	Senior Design (COM3)		4	C	
	<i>Prerequisite:</i> C- in CHE 2005, CHE 3015, CHE 3026 and CHE 3028										
CHE 4090	Process Dynamic and Control		3	C-			USP: US & Wyo Const.	V	3		
	<i>Prerequisite:</i> C- in CHE 3028 and CHE 4060										
	USP: Human Culture	H	3	D			Technical Elective		3	D	
	Technical Elective		3	D			Technical Elective		3	D	
Total			16			Total			16		

Fall only or spring only course **Total Program Credits: 127**

- A minimum of 126 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. • 13 credits of Technical Electives must be upper division. • A minimum of 6 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.