

FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
FRESHMAN YEAR											
	USP: First Year Seminar	FYS	3	C		CHE 1005	Intro to CHE Prob. Solving		I	C-	
	MATH 2200 Calculus I <i>Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640</i>	Q	4	C			<i>Prerequisite: Concurrent in Math 2200</i>				
	CHEM 1050 Adv. Gen. Chemistry I <i>Prerequisite: Concurrent in Math 2200</i>	PN	4	C-		MATH 2205	Calculus II <i>Prerequisite: C in Math 2200</i>		4	C	
	LIFE 1010 General Biology I <i>Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450</i>	PN	4	D		CHEM 1060	Adv. Gen Chemistry II <i>Prerequisite: CHEM 1050</i>		4	C	
						PHYS 1210	Engr Physics I <i>Prerequisite: Concurrent in Math 2205</i>		4	C	
						USP: Communications I		C1	3	C	
	Total		15			Total			16		

SOPHOMORE YEAR

MATH 2210	Calculus III <i>Prerequisite: C in MATH 2205</i>		4	C		MATH 2310	Applied Differential Eqns I <i>Prerequisite: C in Math 2205</i>		3	C	
CHEM 2420	Organic Chemistry I <i>Prerequisite: D in CHEM 1060 or CHEM 1030</i>		4	C		CHEM 2440	Organic Chemistry II <i>Prerequisite: D in CHEM 2420</i>		4	D	
CHE 2005	Chem Process Analysis <i>Prerequisite: C in CHEM 1050/1020, Concurrent in MATH 2205</i>		3	C-		CHE 2060	Intro to CHE Computing <i>Prerequisite: C in CHE 1005 and CHE 2005, and Concurrent in MATH 2310</i>		3	C-	
PHYS 1220	Eng. Physics II <i>Prerequisite: Concurrent in Math 2210</i>		4	D		CHE 2070	Chemical Thermodynamics <i>Prerequisite: C in CHE 2005 and PHYS 1210, and C in MATH 2210</i>		3	C-	
USP: Communications II		C2	3	C		CHE 2080	CHE Fluid Mechanics <i>Prerequisite: C in CHE 2005 and PHYS 1210, and C in MATH 2210</i>		3	C-	
Total			18			Total			16		

JUNIOR YEAR

CHE 3015	Multicomponent Thermo <i>Prerequisite: C in CHE 2060 and CHE 2070</i>		3	C-		CHE 3028	Mass Transfer <i>Prerequisite: C in CHE 2005, CHE 2060 and CHE 2080</i>		3	C-	
CHE 3026	Heat Transfer <i>Prerequisite: C in CHE 2060 and CHE 2080</i>		3	C-		CHE 3070	Process Sim and Economics <i>Prerequisite: C in CHE 2005, CHE 3015, CHE 3026 and Concurrent in CHE 3028</i>		3	C-	
CHEM 4507	Physical Chemistry <i>Prerequisite: C in MATH 2210, PHYS 1220, C CHEM 1060/1030</i>		3	D		CHE 4060	Reaction Engineering <i>Prerequisite: C in CHE 3015 and CHE 3026 and Concurrent in CHE 3028</i>		3	C-	
	Technical Elective		3	D		USP: Human Culture		H	3	D	
	Technical Elective		3	D		Technical Elective			3	D	
Total			15			Total			15		

SENIOR YEAR

CHE 3040	Unit Ops Lab I <i>Prerequisite: C in CHE 3026, CHE 3028, and CHE 4060</i>		3	C-		CHE 4050	Unit Ops Lab II <i>Prerequisite: C in CHE 3040</i>		3	C-	
CHE 4070	Process Design I <i>Prerequisite: C in CHE 3028, CHE 3070, and CHE 4060</i>		4	C-		CHE 4080	Process Design II (COM3) <i>Prerequisite: C in CHE 4070 and C in COM2</i>		4	C	
CHE 4090	Process Dynamic and Control <i>Prerequisite: C in CHE 3028 and CHE 4060</i>		3	C-		USP: US & Wyo Const.		V	3		
	USP: Human Culture	H	3	D		Technical Elective			3	D	
	Technical Elective		3	D		Technical Elective			3	D	
Total			16			Total			16		

Total Program Credits: 127

- A minimum of 127 hours is required. • A minimum of 48 hours must be upper division.
- 18 credits of Technical Electives required. • 10 credits of Technical Electives must be upper division. • A minimum of 3 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.