

FALL

SPRING

Course number	Course Title	USP / CMTS	Credits	Min Grade	Grade Earned	Course Number	Course Title	USP / CMTS	Credits	Min Grade	Grade Earned
FRESHMAN YEAR											
1101	First Year Seminar	FYS	3	C		ES 2110	Statics*		3	C	
							MATH 2205, or concurrent. *Or any ES, EE, BE course (2000+ level), or COSC 3011 or COSC 3750				
MATH 2200	Calculus I	Q	4	C		MATH 2205	Calculus II		4	C	
	MATH 1405 or 1450, or MPE 5, or ACT 27/SAT > 640						Math 2200				
ES 1060	Intro to Engr Prob Solving		3	C		MATH 2250	Elementary Linear Algebra		3	C	
	MATH 2200 or concurrent enrollment						Math 2200				
ENGL 1010	College Composition & Rhetoric	COM1	3	C		PHYS 1210	Engineering Physics I	PN	4	C	
							Math 2200				
CHEM 1020	General Chemistry I	PN	4	D							
	ACT 23 or MATH 1400 or MATH 1450										
Total						Total					
17						14					

SOPHOMORE YEAR											
ES 2120	Dynamics*		3	C		EE 2220	Circuits and Signals		4	C	
	ES 2110 and MATH 2205; PHYS 1210 or concurrent *Or any ES, EE, BE course (2000+ level), or COSC 3011 or COSC 3750						ES 2210				
ES 2210	Electric Circuit Analysis		3	C		EE 2390	Digital Systems Design		4	C	
	MATH 2205 or concurrent						MATH 2205 and ES 1060 (or COSC 1010 or COSC 1030)				
MATH 2210	Calculus III		4	C		MATH 2310	Applied Differential Eqns I		3	C	
	MATH 2205						Math/ Science Elective		3	C	
PHYS 1220	Engr Physics II		4	C			US & Wyo Constitution	V	3	D	
	MATH 2210 or concurrent										
	Human Culture Elective	HC	3	D							
Total						Total					
17						17					

JUNIOR YEAR											
EE 3150	Electromagnetics		3	D		EE 3330	Electronics II		4	D	
	ES 2210, MATH 2210, and PHYS 1220 or concurrent						EE 2220 and EE 3310				
EE 3220	Signals and Systems		3	C		EE 4075	C++ with Num Meth for Engr		4	D	
	EE 2220						MATH 2205, and ES 1060 (or COSC 1010 or COSC 1030), and MATH 2250 or MATH 2310, or instructor consent.				
EE 3310	Electronics I		4	C		EE 4220	Probabilistic Signals and Systems		3	C	
	PHYS 1220 or EE 3150, and EE 2220 or concurrent						EE 3220 and MATH 2210				
EE 3510	Electromechanics		4	C		EE 4390	Microprocessors		3	D	
	ES 2210						EE 2390, and PHYS 1220 or ES 2210				
	Communication II course	COM2	3			EE 4620	Automatic Control Systems		3	D	
	USP-COM1						EE 2220				
Total						Total					
17						17					

SENIOR YEAR											
EE 4440	Communication Theory		3	D		EE 4830	Senior Design II	COM3	2	C	
	EE 3220 and EE 4220						EE 4820				
EE 4820	Senior Design I		2	C			EE or BE Elective		3	D	
	EE 2220, EE 2390, & EE 3310 or concurrent enrollment, plus 6 hours of 4000 level EE/BE courses or concurrent enrollment. COM2						EE or BE Elective		3	D	
	Technical Elective		4	D			EE or BE Elective		3	D	
	EE or BE Elective		3	D			EE or BE Elective		3	D	
	Human Culture Elective	HC	3	D							
Total						Total					
15						14					

KEY

- Fall only
- Spring only
- Prerequisite(s)

Note: A minimum of 48 credit hours must be upper division.

Total Program Credits: 128