

CSU-PUEBLO CHEMISTRY DEPT. CURRICULUM PLANNING SHEET

MAJOR: ACS Chemistry Major/[Some Minor] Option
ADVISOR: Dr. David Lehmpuhl – PH: (719) 549-2911, E-MAIL: david.lehmpuhl@colostate-pueblo.edu

SPECIFIC REQUIRED CHEMISTRY COURSES

		<u>CREDIT HOURS</u>	
CHEM 121/121L - General Chemistry I/Lab I*	(F,S)	5	}
CHEM 122/122L - General Chemistry II/Lab II*	(F,S)	5	
CHEM 221/221L - Inorganic Chemistry/Lab	(F)	3	
CHEM 301/301L - Organic Chemistry I/Lab I	(F,S)	5	
CHEM 302/302L - Organic Chemistry II/Lab II	(F,S)	5	
CHEM 317L/317L - Quantitative Analysis/Lab	(F)	5	
CHEM 321 - Physical Chemistry I	(F)	3	
CHEM 322 - Physical Chemistry II	(S)	3	
CHEM 419/419L - Instrumental Analysis/Lab	(S)	5	
CHEM 493 - Seminar	(F,S)	1	
CHEM 323 - Experimental Physical Chemistry	(S)	2	
CHEM 421 - Adv. Inorganic	(S/O)	3	
CHEM 411 - Biochemistry I	(F)	3	
CHEM ELECTIVE (300 Level or higher)		6	
CHEM 495 or CHEM 499 Ind. Study or Research		1	
	TOTAL	55	CHEMISTRY CORE

OTHER REQUIRED COURSES

MATH 126 - Calculus I *	(F,S)	5	
MATH 224 - Calculus II	(F,S)	5	
PHYS 221/221L - General Physics I/Lab*	(S)	5	
PHYS 222/222L - General Physics II/Lab	(F)	5	
		20	
ENG 101 - Composition I		3	
ENG 102 - Composition II			3
Humanities		9	
Social Science		6	
History		3	
Science & Technology and Math requirements - Fulfilled by * courses			
Free Electives		1	
Approved Minor or Emphasis Area		20	
	TOTAL	45	

TOTAL CREDIT HOURS: 120

SAMPLE PROGRAM PLANNING SHEET

ACS Certified Chemistry Major/unspecified Minor

<u>COURSE</u>	<u>CREDIT HRS.</u>	<u>COURSE</u>	<u>CREDIT HRS.</u>
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FALL 1	SPRING 1
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CHEM 121/L 5	CHEM 122/L 5
ENG 101 3	ENG 102 3
GEN ED 6	GEN ED 6

14

14

FALL 2	SPRING 2
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CHEM 301/L 5	CHEM 302/L 5
MATH 126 5	MATH 224 5
MINOR 5	MINOR 5

15

15

FALL 3	SPRING 3
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CHEM 221/L 3	PHYS 221/L 5
CHEM 317/L 5	CHEM 322 3
MINOR 5	MINOR 5
GEN ED 3	GEN ED 3

16

16

FALL 4	SPRING 4
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CHEM 321 3	CHEM 419/L 5
PHYS 222/L 5	CHEM 323 2
UD CHEM ELEC 3	CHEM 421 3
CHEM 411 3	CHEM 495 1
CHEM 493 1	UD CHEM ELEC 3
	FREE ELEC 1

15

15

CREDIT HOURS: UPPER DIV. 52 CHEM 55 TOTAL 120 MINOR 20

GEN ED:

ENG(6) 101/102 MATH(3) FULFILLED BY MAJOR HIST(3) _____

H (9) _____ SS (6) _____ ST (8) FULFILLED BY MAJOR