

Courses for B.A. in Chemistry and Four-Year Plans

CHEMISTRY	Course #	Credit	Semester Offered	
		Hours		
Gen Chem	105/117	4	Fall	
Orgo I	224/226	4	Spring	
Orgo II	225/227	4	Fall	
Int. Inorganic Chem	246/248	4	Spring	
Computers in Chem	210	2	Fall	
Analytical	303	3	Fall	
Analytical Lab	304	2	Spring	
PChem I Thermodynamics	321	3	Spring	Must take before CHEM 325
PChem II Quantum Mechanics	322	3	Fall	
PChem Lab	325	1	Fall	
Seminar	401	1	Fall	
Capstone	470	1	Fall	
	Total	32		

MATHMATICS

Pre-Calc	115	4	Fall/Spring
Calc I	135	4	Fall/Spring
Calc II	205	4	Spring/Fall

PHYSICS

Gen Physics I	101/103	4	Fall
Gen Physics II	102/104	4	Spring
	Total	20	

Sophomore-level writing intensive course must be taken as one of the Electives

Proposed Schedule for Chemistry and Cognate Courses

	Fall			Spring	
	<u>Course</u>	<u>Credits</u>	<u># of Labs</u>	<u>Course</u>	<u>Credits</u>
Freshman Year					
	CHEM105/117	4	1	CHEM 224/226	4
	Rel & Phil	3		Arts	3
	MATH 115	4		MATH135	4
	CORE101	3		CORE102	3
				ESAT 100	2
		<hr/>			<hr/>
		14			16
Sophomore Year					
	CHEM225/227	4	2	CHEM246/248	4
	CHEM210	2		Non-western	3
	MATH205	4		PYHS102/104	4
	PHYS101/103	4		Elect (Writing)	3
	Elect	3		Elect	3
		<hr/>			<hr/>
		17			17
Junior Year					
	CHEM303	3	0	CHEM304	2
	Elect	3		CHEM321	3
	Humanities	3		CHEM 401	1
	Elect	3		Elect	3
	MLC	4		MLC	4
		<hr/>			<hr/>
		16			13
Senior Year					
	CHEM322	3	2	Soc Sci	3
	CHEM325	1		Elect	3
	CHEM470	1		Elect	3
	Elect	3		Elect	3
	Elect	3		Elect	3
	Elect	3			
	Elect	3			
		<hr/>			<hr/>
		17			15

	Elect
Core	Distrib
Cognate	Basic Skills

Total Credits	125
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All Blue, Green, or Pink course are interchangeable in sched

* Major and cognates includes 21 hrs at 300+ level, additional 9 hours are necessary

Starting with Math 101

Proposed Schedule for Chemistry and Cognate Courses

of Labs

	Fall			Spring		
	<u>Course</u>	<u>Credits</u>	<u># of Labs</u>	<u>Course</u>	<u>Credits</u>	
	Freshman Year					
1	MLC	4	0	MLC	4	
	Rel & Phil	3		Arts	3	
	MATH 101	4		MATH115	4	
	CORE101	3		CORE102	3	
				ESAT 100	2	
		<hr/>			<hr/>	
		14			16	
	Sophomore Year					
2	CHEM 105/117	4	1	CHEM224/226	4	
	MATH135	4		CHEM246/248	4	
	Humanities	3		Non-western	3	
	Elect	3		MATH205	3	
	Elect	3		Elect (Writing)	3	
		<hr/>			<hr/>	
		17			17	
	Junior Year					
1	CHEM 210	2	1	CHEM401	1	
	CHEM303	3		CHEM304	2	
	Elect	3		CHEM321	3	
	PHYS101/103	4		PYHS102/104	4	
	Elect	3		Soc Sci	3	
		<hr/>		Elect	3	
		15			<hr/>	
					16	
	Senior Year					
0	CHEM322	3	3	Elect	3	
	CHEM325	1		Elect	3	
	CHEM470	1		Elect	3	
	Elect	3		Elect	3	
	Elect	3		Elect	3	
	Elect	3				
		<hr/>			<hr/>	
		14			15	

	Elect
Core	Distrib
Cognate	Basic Skills

Total Credits 124

Rule

All Blue, Green, or Pink course are interchangeable in:

* Major and cognates includes 21 hrs at 300+ level, additional 9 hours are necessary

of Labs

0

2

2

1

schedule