

Department	Chemistry & Biochemistry
Program	BS Chemistry, JN Honors Society
Bulletin	2022-2023
Revised	February 2022

← toc

- Major
- Cognate
- Gen Ed
- Elective, Minor

7-Chem + Hons-OddFallStart

Freshperson (First) Year									
Fall Semester					Spring Semester				
Course	Title	Cred	M	C	GE	E	UD	L	
1	CHEM131	General Chemistry I	4	•					1
2	MATH191	Calculus I	4	•					
4	HC HONS115	Trans. the Self: Hons Comp	3		•				
3	HC HONS105	Western Heritage I	5		•				
5									
6									
7									
8									
2	STEM	SEMESTER TOTAL	16	4.0	4	8	0	0	1
1	labs								

Sophomore (Second) Year									
					Spring of Odd Year				
Course	Title	Cred	M	C	GE	E	UD	L	
1	CHEM231	Organic Chemistry I	3	•					
2	CHEM241	Organic Chem Lab I	1	•				1	
4	PHYS241	Phys for Sci I	4	•					
3	PHYS271	Phys for Sci Lab I	1	•				1	
5	CHEM330	Quant Chem Analysis	4	•				◇	2
6	HC HONS398	Research Pro-Sem [F,S]	1		•			◇	
7	CHEM210	Chemical Topics	0	•					
8									
3	STEM	SEMESTER TOTAL	14	8.0	5	1	0	5	4
4	labs								

Junior (Third) Year									
					Spring of EVEN Year				
Course	Title	Cred	M	C	GE	E	UD	L	
1	CHEM431	Physical Chemistry I	3	•				◇	
2	CHEM441	Physical Chemistry I Lab	1	•				◇	1
4	CHEM210	Chemical Topics	0	•					
3	HC HONS365	Cosmos [F]	3		•			◇	
5	HC HONS215	Scripture [F,S]	3		•				
6		Elective, Minor	3			•			
7		Elective, Minor, Adv Chem.*	3			•			
8									
1	STEM	SEMESTER TOTAL	16	4.0	0	6	6	7.0	1
1	labs								

Senior (Fourth) Year									
					Spring of Odd Year				
Course	Title	Cred	M	C	GE	E	UD	L	
4th 1	BCHM421	Biochem I	4	•				◇	
4th 2		Elective, Minor	3			•			
4th 4	CHEM418	Chem & Biochem Seminar	2	•				◇	
4th 3		Elective, Minor	3			•			
4th 5	HC HONS415	Thinking Theologically [F,S]	3		•			◇	
4th 6	CHEM210	Chemical Topics	0	•					
4th 7	HC HONS497	Honors Research	1	•				◇	1
4th 8	*Adv Chem = CHEM432, CHEM47x, BCHM422, BCHM430								
1	STEM	SEMESTER TOTAL	16	6.0	0	4	6	10	1
1	labs								

Credit Breakdown				Gen Ed Honors Credits Breakdown			
Course-type Legend	Credit type	Chart	AU Requirement	Code	Chart	AU Req't	
Cred = Course Credit	Total Credits	124	124 ✓	HC	34	31	✓
M = Major	Major	38	38 ✓	HE	6	6	✓
C = Cognate	Cognate	18	18 ✓				✓
GE = General Ed	Gen Ed	42	39 ✓				✓
E = Elective	Electives, Minor, etc	26	0 ✓	PE	2	2	✓
UD = Upper Div	UD	37	30 ✓				✓
				TOTAL	42	39	✓

Legend: ■ Req't NOT Met; ✓ Req't Met

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