



To graduate with a baccalaureate degree, a student must earn a total of 120 credit hours with at least 39 credit hours at the 300- and 400-level and 30 credit hours taken at USI. Students must have a minimum cumulative USI grade point average of 2.000. Some programs require a higher cumulative grade point average requirement.

The final two years at USI must include the following requirements:

Core Requirements (10 credits):

KIN 192 (1 cr)

WOK (6 cr)

World Language & Culture (3 cr)

*Embedded Experiences (Diversity, Global, Writing)

Major Requirements (36 credits):

CHEM 321 (4 cr) CHEM 218 (1)

CHEM 421 (4 cr) CHEM 318 (1)

CHEM 431 (4 cr) CHEM 418 (1)

CHEM 441 (4 cr) CHEM 499 (2)

CHEM 461 (4 cr) CHEM 451 (4)

CHEM 462 (4 hr)

BIOL 334 (3 cr)

And complete USI Core Curriculum:

FD – Foundational Skills (14 cr)

BS/BA – Natural Science (7 cr), Social Science (3 cr),
& World Language & Culture (3 cr)

WOK – Ways of Knowing (12 cr)

Choose electives that apply towards the embedded experiences – see Core 39

*Embedded Experiences may be completed in Ways of Knowing (WOK), BS/BA, or majors courses.

Recommended final two years at USI to complete B.S. in Chemistry.

FALL Year 3

CHEM 461	4 hrs
CHEM 218	1 hr
Elective	3 hrs
Ways of Knowing (CAE, HI, SIQ, WLC)	3 hrs
World Language & Culture (BS-WLS)	3 hrs
KIN 192	<u>1 hr</u>
	15 hrs

SPRING Year 3

CHEM 462	4 hrs
CHEM 321	4 hrs
CHEM 499	1 hr
BIOL 334	3 hrs
CHEM 451 or CHEM 441	<u>4 hrs</u>
	16 hrs

FALL Year 4

CHEM 431	4 hrs
CHEM 421	4 hrs
CHEM 318	1 hr
Elective (writing embedded exp 300-400 level)	3 hrs
CHEM 499	1 hr
Ways of Knowing (CAE, HI, SIQ, WLC)	<u>3 hrs</u>
	16 hrs

SPRING Year 4

CHEM 441 or CHEM 451	4 hrs
CHEM 418 (EEW)	1 hr
CHEM 499	1 hr
Elective (global embedded exp)	3 hrs
Elective	<u>4 hrs</u>
	13 hrs



COURSE CHECKSHEET: [A.S. degree in Chemical Sciences: Chemistry and Biochemistry Concentration] from Vincennes University to [B.S. degree in Chemistry, ACS-approved] at USI

Vincennes University COURSE REQUIREMENTS:

USI COURSE EQUIVALENTS:

Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours	Minimum Grade*
Discipline Requirements						
CHEM 105	General Chemistry I	3	CHEM 261 +	General Chemistry I +	4	
CHEM 105L	General Chemistry I Lab	2	CHEM 1-EL	CHEM 100-Level Elective	1	
CHEM 106	General Chemistry II	3	CHEM 262 +	General Chemistry II (SMI) +	4	
CHEM 106L	General Chemistry II Lab	2	CHEM 1-EL	CHEM 100-Level Elective	1	
BIOL 105	Principles of Biology I	3	BIOL 141	Principles of Biology (SMI)	4	
BIOL 105L	Principles of Biology I Lab	1				
CHEM 215	Organic Chemistry I	3	CHEM 353 +	Organic Chemistry I +	4	
CHEM 215L	Organic Chemistry I Lab	2	CHEM 2-EL	CHEM 200-Level Elective	1	
CHEM 216	Organic Chemistry II	3	CHEM 354 +	Organic Chemistry II +	4	
CHEM 216L	Organic Chemistry II Lab	2	CHEM 2-EL	CHEM 200-Level Elective	1	
MATH 119	Calculus with Analytic Geometry II	5	MATH 235 +	Calculus II +	4	
			MATH 1-EL	MATH 100-Level Elective	1	
PHYS 205	Physics for Scientists I	4	PHYS 205	Intermediate Physics I (NSL)	5	
PHYS 205L	Physics for Scientists I lab	1	PHYS 205L	Intermediate Physics I Lab	0	
PHYS 206	Physics for Scientists II	4	PHYS 206	Intermediate Physics II (NSL)	5	
PHYS 206L	Physics for Scientists II lab	1	PHYS 206L	Intermediate Physics II Lab	0	
General Education Requirements						
CHEM 131	Chemistry Explorations	1	CHEM 1-EL	CHEM 100-Level Elective	1	
ENGL 101	English Composition I	3	ENG 101	Rhetoric and Composition I: Literacy and the Self	3	
ENGL 102	English Composition II	3	ENG 201	Rhetoric and Composition II: Literacy and the World	3	
COMM 148	Interpersonal Communication	3	CMST 107	Introduction to Interpersonal Communication	3	
MATH 118	Calculus with Analytic Geometry I	5	MATH 230 +	Calculus I +	4	
			MATH 1-EL	MATH 100-Level Elective	1	
PHIL 212	Introduction to Ethics	3	PHIL 201	Intro to Ethics (MER & EED)	3	
****	Social Science Elective	3	****	Social Science (SS)	3	
TOTAL CREDIT HOURS		60	TOTAL CREDIT HOURS		60	

**** select from ECON 100 (ECON 175), ECON 201 (ECON 208), ECON 202 (ECON 209), POLS 111 (POLS 102), PSYC 142 (PSY 201), SOCL 151 (SOC 121), SOC 252 (SOC 231), SOCL 261 (SOC 261)