



## 2+2 Articulation Agreement between THE UNIVERSITY OF SOUTHERN INDIANA and Vincennes University

Statement of Intent: The purpose of this agreement is to facilitate the transfer of graduates of the Vincennes University who an associate of science degree in Chemical Sciences: Chemistry and Biochemistry Concentration 4072 to the bachelor of science degree in Chemistry, ACS-Approved option at the University of Southern Indiana (USI).

Principles Upon Which Articulation is Based: This agreement, which encompasses the degree granting institutions of the Vincennes University and the University of Southern Indiana, provides a written record of a continuing relationship centered on a mutually beneficial commitment to serving students.

This agreement confirms that all the eligible credit hours earned by students who complete graduation requirements for the AS degree in Chemical Sciences: Chemistry and Biochemistry Concentration 4072 at the Vincennes University will be accepted into and serve to fulfill all lower division requirements for the Chemistry program at University of Southern Indiana. Thus, students who graduate having completed all degree requirements in the Chemical Sciences: Chemistry and Biochemistry Concentration 4072 at Vincennes University will be eligible for full junior level standing in the Chemistry program at the University of Southern Indiana.

Students transferring with an A.S. or A.A. degree from Vincennes University into the University of Southern Indiana are subject to the same admission and academic policies as other applicants to the University of Southern Indiana. Transfer students are also subject to specific baccalaureate degree program admission requirements. Completion of the A.S. or A.A. degree does not guarantee admission to a program that has a separate application process.

Students who have transferred into the University of Southern Indiana must meet all university and program graduation requirements, including the completion of the university's general education program (CORE 39), minimum residence, grade point average, and upper division course requirements.

Both institutions reserve the right to change their curriculum and agree to inform the other institution's administration and program faculty of such changes as they relate to the conditions of this agreement. Such changes may require an update to the articulation agreement.

All agreements will be reviewed, updated, and re-signed three years from the effective date of the agreements.

Effective Date: Fall 21 Review Date: Fall 24

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On Behalf of the University of Southern Indiana:

On Behalf of Vincennes University: FEB 23 202 Academic Dean Date Whammed Khayun cademic Officer

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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):	Major Requirements (36 credits):			
KIN 192 (1 cr)	CHEM 321 (4 cr) CHEM 218 (1)			
WOK (6 cr)	CHEM 421 (4 cr) CHEM 318 (1)			
World Language & Culture (3 cr)	CHEM 431 (4 cr) CHEM 418 (1)			
*Embedded Experiences (Diversity, Global, Writing)	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)

Choose electives that apply towards the embedded

WOK – Ways of Knowing (12 cr)

experiences - see Core 39

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

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FALL Year 3		SPRING Year 3				
CHEM 461	4 hrs	CHEM 462	4 hrs			
CHEM 218	1 hr	CHEM 321	4 hrs			
Elective	3 hrs	CHEM 499	1 hr			
Ways of Knowing (CAE, HI, SIQ, WLC)	3 hrs	BIOL 334	3 hrs			
World Language & Culture (BS-WLS)	3 hrs	CHEM 451 or CHEM 441	4 hrs			
KIN 192	<u>1 hr</u>		16 hrs			
	15 hrs					
FALL Year 4		SPRING Year 4				
CHEM 431	4 hrs	CHEM 441 or CHEM 451	4 hrs			
CHEM 421	4 hrs	CHEM 418 (EEW)	1 hr			
CHEM 318	1 hr	CHEM 499	1 hr			
Elective (writing embedded exp 300-400 level)	3 hrs	Elective (global embedded exp)	3 hrs			
CHEM 499	1 hr	Elective	4 hrs			
Ways of Knowing (CAE, HI, SIQ, WLC)	3 hrs		13 hrs			
	16 hrs					

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





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:** 

	THE STRY COOKSE REQUIRETYEE	······································		E EQUIVALENTS:		
Course	Course Title	Credit	Course	Course Title	Credit	Minimur
Number		Hours	Number	Course ricle	Hours	Grade*
Discipline R	equirements					
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	
<b>CHEM 106</b>	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	5	MATH 235 +	Calculus II +	4	
	Geometry II		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 Edu	cation Requirements				<u> </u>	
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:	3	
				Literacy and the Self		
ENGL 102	English Composition II	3	ENG 201	Rhetoric and Composition II:	3	****
				Literacy and the World		
COMM 148	Interpersonal	3	CMST 107	Introduction to Interpersonal	3	
	Communication			Communication		
<b>MATH 118</b>	Calculus with Analytic	5	MATH 230 +	Calculus I +	4	<del></del>
	Geometry I		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	
OTAL CREDI	T HOURS	60	TOTAL CREDIT	HOURS	60	

<sup>\*\*\*\*</sup> 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)