

## **2 + 2 Agreement Between**

### **Hutchinson Community College and Pittsburg State University**

The purpose of this 2+2 agreement is to provide a mutually beneficial relationship between Hutchinson Community College (HutchCC), Pittsburg State University and students desiring to complete an Associate of Science degree following a Chemistry transfer pathway at HutchCC and a Bachelor of Science degree in Chemistry (Environmental) at Pittsburg State University. This agreement outlines the necessary courses that can be taken at each institution to fulfill the requirements for an Associate of Science degree at HutchCC following a Chemistry transfer pathway and a Bachelor of Science degree in Chemistry (Environmental) at Pittsburg State University. The purpose of this agreement is to provide a clear path for students to follow to set them up for a smooth transition to Pittsburg State University. The student will complete their first two years at HutchCC and a subsequent two years at Pittsburg State University. Pittsburg State University agrees that if a student completes the list of courses outlined in the attached curriculum guide for the Associate of Science degree following the Chemistry transfer pathway at HutchCC they will have fulfilled and satisfied the requirements for the first two years of the Bachelor of Science degree in Chemistry (Environmental) at Pittsburg State University.

This agreement does not remove the requirement for students to meet the general admission requirements and any additional specific degree requirements outlined in the Pittsburg State University catalog.

Both institutions will work with students to provide advising, guidance and additional student support services throughout their time at each institution.

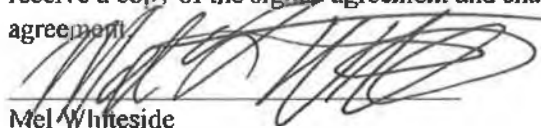
Each institution agrees to coordinate with one another when curriculum changes occur that will affect the curriculum outline of courses noted in the attached curriculum guide for both degrees. Should curriculum changes occur at either of the institutions it will be their responsibility to notify the other institution and initiate an amendment or revision of this 2+2 agreement.

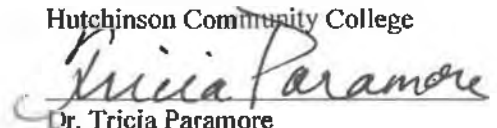
Each institution will individually market and promote this agreement.

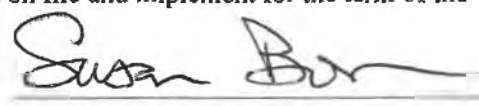
This agreement can be terminated at any time with a minimum of 12 month's notice from one institution to the other. Should this agreement be terminated at any time, all students currently participating in the agreement will be afforded an applicable and appropriate amount of time to complete the degrees.

This agreement shall be reviewed every five years to determine whether it should continue, be revised or terminated.

This agreement shall commence on the date of the last completed signature. Both institutions shall receive a copy of the signed agreement and shall keep it on file and implement for the term of the agreement.

  
Mel Whiteside  
Vice President of Academic Affairs  
Hutchinson Community College

  
Dr. Tricia Paramore  
President  
Hutchinson Community College  
4/10/2025

  
Dr. Susan Bon  
Provost and Vice President for Academic Affairs  
Pittsburg State University

**2+2 HutchCC/PSU**  
**Bachelor of Science in Chemistry (Environmental)**

HutchCC Courses		PSU Equivalent Courses
<b>General Education Courses</b>		
English Discipline	6	English Discipline Bucket 1
Communications Discipline	3	Communications Discipline Bucket 2
MA111 Analytical Geometry and Calculus I *	5	MATH-150 Calculus I
CH105 Chemistry I*	3	CHEM-215 General Chemistry I
	2	CHEM-216 General Chemistry I Laboratory
Social & Behavioral Sciences Discipline	6	Social & Behavioral Sciences Discipline Bucket 5
Arts & Humanities Discipline	6	Arts & Humanities Discipline Bucket 6
CH106 Chemistry II*	3	CHEM-225 General Chemistry II
	2	CHEM-226 General Chemistry II Laboratory
PY201 Engineering Physics I*	4	PHYS-104 Engineering Physics I
	1	PHYS-130 Elementary Physics Laboratory I
<b>Major Courses</b>		
CH201 Organic Chemistry I	3	CHEM-325 Organic Chemistry I
	2	CHEM-326 Organic Chemistry I Laboratory
PY202 Engineering Physics II	4	PHYS-105 Engineering Physics II
	1	PHYS-131 Elementary Physics Laboratory II
CH202 Organic Chemistry II	3	CHEM-335 Organic Chemistry II
	2	CHEM-336 Organic Chemistry II Laboratory
MA113 Analytical Geometry and Calculus II	5	MATH-155 Calculus II
<b>Total HutchCC</b>	<b>61</b>	

\*Recommended: Course required for the University degree, completion in the SGE/transfer degree is recommended.

PSU Courses	
CHEM-593 Physical Chemistry I	3
CHEM-594 Physical Chemistry I Laboratory	2
CHEM-423 Descriptive Inorganic Chemistry	3
CHEM-445 Analytical Chemistry	3
CHEM-446 Analytical Chemistry Laboratory	2
CHEM-601 Chemistry Colloquium	0
CHEM-745 Instrumental Analysis	3
CHEM-746 Instrumental Analysis Laboratory	2
CHEM-601 Chemistry Colloquium	1
CHEM-611 Senior Review and Assessment	1
Electives	40
<b>Total PSU</b>	<b>60</b>