

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 Biological Sciences transfer pathway at HutchCC and a Bachelor's degree in Biology - (Pre-Med Emphasis) at Pittsburg State University. This agreement outlines the necessary courses that can be taken at each institution to fulfill the requirements for an Associates of Science degree at HutchCC following a Biological Sciences transfer pathway and a Bachelor's degree in Biology – (Pre-Med Emphasis) 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 Associates of Science degree following the Biological Sciences transfer pathway at HutchCC they will have fulfilled and satisfied the requirements for the first two years of the Bachelor's degree in Biology – (Pre-Med Emphasis) 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.

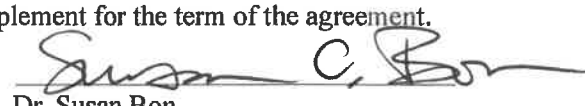
Each institution will individually market and promote this agreement.

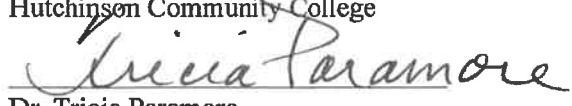
This agreement can be terminated at any time with a minimum of 12 month's notice from one institution to the other. Should this agreement be terminated at any time, all students currently participating in the agreement will be afforded an applicable and appropriate amount of time to complete the degrees.

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


Dr. Tricia Paramore
President
Hutchinson Community College
3-26-2025

**Hutchinson Community College
Associate of Science
Biological Sciences**

General Education Courses (41 HRS)	<u>HRS:</u>
SGE (010) English Option – Course 1	3
SGE (010) English Option – Course 2	3
SGE (020) Communication Option	3
MA111 Analytical Geometry and Calculus I*	5
CH105 Chemistry I*	5
SGE (050) Social & Behavioral Sciences Option – Course 1	3
SGE (050) Social & Behavioral Sciences Option – Course 2	3
SGE (060) Arts & Humanities Options - Course 1	3
SGE (060) Arts & Humanities Options - Course 2	3
BI104 Biology I*	5
BI105 Biology II*	5
Total General Education Hours	41

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

<u>Additional Electives (20 HRS)</u>	
CH106- Chemistry II	5
CH108-Principles of Organic and Biochemistry	5
PY112-General Physics I	5
PY113-General Physics II	5

Total HutchCC Hours = 61 Hours

**BACHELORS DEGREE
MAJOR: BIOLOGY (pre-med emphasis)**

Biology pre-med Core Requirements (24 hours)

BIOL 205 Pre-Health Orientation II (1 hour)
 BIOL 305 Pre-Health Orientation III (1 hour)
 BIOL 311 Cell Biology (3 hours)
 BIOL 322/323 Genetics/Lab (5 hours)
 BIOL 371/372 General Microbiology/Lab (5 hours)
 BIOL 330: Principles of Ecology (3 hours)
 BIOL 656/657: Human Physiology/Lab (5 hours)
 BIOL 699: Senior Seminar (1 hour)

Biology Electives (8 hours)

BIOL 277: Epidemiology (3 hours)
 BIOL 410: Biological/Medical Terminology (2 hours)
 BIOL 550: Advanced Cellular and Molecular Biology (3 hours)
 BIOL 572: General Virology (3 hours)
 BIOL 529: Evolution (3 hours)
 BIOL 605: Bioethics (3 hours)
 BIOL 653: Biology of Cancer (3 hours)
 BIOL 650: Developmental Biology (3 hours)
 BIOL 660: Human Anatomy and Dissection (5 hours)
 BIOL 671: Immunology (3 hours)
 BIOL 673: Basics of Human Toxicology (3 hours)

Required from Chemistry (13 hours)

CHEM 325/326 Organic Chemistry I/Laboratory (5 hours)
 CHEM 335/336 Organic Chemistry II/Laboratory (5 hours)
 CHEM 575 Biochemistry I (3 hours)

Electives (15 hours)

Total PSU hours = 60