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 an Education-Secondary transfer pathway at HutchCC and a Bachelor's of Science in Biology - (Education 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 an Education-Secondary transfer pathway and a Bachelor's of Science in Biology – (Education 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 Education-Secondary transfer pathway at HutchCC they will have fulfilled and satisfied the requirements for the first two years of the Bachelor's of Science degree in Biology – (Education 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

Dr. Susan Bon

Vice President of Academic Affairs Hutchinson Community College

alamor

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

Provost and Vice President of Academic Affairs Pittsburg State University

HUTCHINSON COMMUNITY COLLEGE ASSOCIATE of Science

MAJOR: Education - Secondary Systemwide General Education (35 HRS) [Bucket 1]	<u>HRS:</u>
EN101: English Composition IA	3
EN102: English Composition II	3
ENTOZ, ENglish Composition in	5
[Bucket 2] SH101: Public Speaking	3
[Bucket 3] *MA106: College Algebra	3
[Bucket 4] *CH105: Chemistry l	5
[Bucket 5] *PS100: General Psychology Bucket 5: Student Choice	3 3
[Bucket 6] Bucket 6: Student Choice Bucket 6: Student Choice	3 3
[Bucket 7]	
*BI103: Human Anatomy & Physiology	6
TOTAL GENERAL EDUCATION	35
Secondary Education Focus (25 HRS)	HRS:
BI104: Biology I	5
BI105: Biology II	5
CH108: Principles of Organic & Biochemistry	5
ED201: Introduction to Education	3
ED201L: Introduction to Education Practicum	1
PS102: Human Growth and Development	3
ED205: Educating Exceptional Students	3
TOTAL SECONDARY ED COURSES	25

Total HCC Hours = 60 hours

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

BACHELORS of Science

BACHELOKS OF Science	
MAJOR: Biology (Education Emphasis)	
Biology Core Requirements (29-30 HRS)	<u>HRS</u>
BIOL300: Assisting in the Biology Laboratory	1
BIOL322: Genetics	3
and BIOL323: Genetics Laboratory	2
BIOL330: Principles of Ecology	3
BIOL371: General Microbiology	3
and BIOL372: General Microbiology Laboratory	2
BIO 529: Evolution	3
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Field Course (3-4 HRS)	
BIOL303: Regional Natural History	3
or BIOL405: Taxonomy of Vascular Plants	4
or BIOL533: Ichthyology	4
or BIOL534: Herpetology	4
or BIOL535: Ornithology	4
	3
or BIOL536: Mammalogy	5
or BIOL561: General Entomology	
Control Down on the control (2, (10C)	
Social Perspectives (3 HRS)	2
BIOL313: Principles of Conservation	3
or BIOL605: Bioethics	3
or BIOL617: Environmental Health	3
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Biology Electives	6
Biology Electives TOTAL BIOLOGY CORE REQUIREMENTS	<u>6</u> 29-30
TOTAL BIOLOGY CORE REQUIREMENTS	29-30
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS)	
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the	29-30 <u>HRS</u>
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom	29-30 <u>HRS</u> 2
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology	29-30 <u>HRS</u>
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom	29-30 <u>HRS</u> 2
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology	29-30 <u>HRS</u> 2
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for	29-30 <u>HRS</u> 2 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary	29-30 <u>HRS</u> 2 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic	29-30 <u>HRS</u> 2 3 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy	29-30 <u>HRS</u> 2 3 3 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology	29-30 <u>HRS</u> 2 3 3 3 3 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS	29-30 <u>HRS</u> 2 3 3 3 3 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS)	29-30 <u>HRS</u> 2 3 3 3 3 3 11
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and	29-30 <u>HRS</u> 2 3 3 3 3 3 11
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum EDUC464: Measurement and Evaluation	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3 2
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum EDUC464: Measurement and Evaluation EDUC475: Supervised Clinical Experience	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum EDUC464: Measurement and Evaluation	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3 2 9
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum EDUC464: Measurement and Evaluation EDUC475: Supervised Clinical Experience TOTAL PROFESSIONAL SEMESTER	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3 2 9
TOTAL BIOLOGY CORE REQUIREMENTS Professional Education Requirements (11 HRS) EDUC370: Organization and Management in the Middle and Secondary Classroom BIOL479: Techniques for Teaching Biology or EDUC479: Effective Teaching Strategies for Middle and Secondary EDUC520: Methods and Materials for Academic Literacy PSYCH357: Educational Psychology TOTAL PROFESSIONAL EDUCATION REQUIREMENTS Professional Semester (15 HRS) BIOL579: Supervised Student Teaching and Follow-Up of Teachers EDUC458: Methods and Curriculum EDUC464: Measurement and Evaluation EDUC475: Supervised Clinical Experience	29-30 <u>HRS</u> 2 3 3 3 11 <u>HRS</u> 1 3 2 9

Total PSU Hours = 60