

2 + 2 Agreement Between

Hutchinson Community College and Newman University

The purpose of this 2+2 agreement is to provide a mutually beneficial relationship between Hutchinson Community College (HutchCC), Newman University and students desiring to complete an Associate of Science degree following a Biological Sciences transfer pathway at HutchCC and a Bachelor of Science degree in Biology at Newman 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 of Science degree in Biology at Newman 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 Newman University. The student will complete their first two years at HutchCC and a subsequent two years at Newman University. Newman 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 of Science degree in Biology at Newman 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 Newman 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.

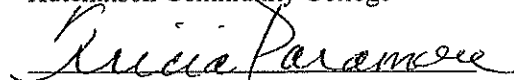
This agreement can be terminated at any time with a minimum of 12 month's notice from one institution to the other. Should this agreement be terminated at any time, all students currently participating in the agreement will be afforded an applicable and appropriate amount of time to complete the degrees.

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.



Rachel Wannamaker
Vice President of Academic Affairs, Interim
Hutchinson Community College



Dr. Tricia Paramore
President
Hutchinson Community College
11/10/2025



Alden Stout
Vice President of Academic Affairs
Newman University

Hutchinson Community College and Newman University
Curriculum Guide for Associate of Science and Bachelor of Science in Biology

Hutchinson Community College Course	Newman University Equivalent Course	Credit Hours
Freshman 1st Semester, Total Credit Hours - 14		
English Options (SGE) 010		3
Natural & Physical Science Lab Options (SGE) 040 CH105 Chemistry I CH105L Chemistry I Lab	CHEM 1013 General Chemistry I CHEM 1012 General Chemistry I Lab	5
Mathematics Options (SGE) 030 MA106 College Algebra	MATH 1043 College Algebra	3
Social & Behavioral Sciences Options (SGE) 050 PS100 General Psychology	PSY 1013 Gen Psychology	3
Freshman 2nd Semester, Total Credit Hours - 16		
English Options (SGE) 010		3
Social & Behavioral Sciences Options (SGE) 050 SO100 Fundamentals of Sociology	SOC 1003 Prin of Sociology	3
Institutional Options (SGE) 070 BI104 Biology I BI104L Biology I Lab	BIOL 1013 General Biology I BIOL 1011 General Biology I Lab	5
CH106 Chemistry II CH106L Chemistry II Lab	CHEM 1023 General Chemistry II CHEM 1022 General Chemistry II Lab	5
Sophomore 1st Semester, Total Credit Hours - 15		
BI112 General Microbiology BI112L General Microbiology Lab	BIOL 2042 Microbiology BIOL 2041 Microbiology Lab	4
PY112 General Physics I PY112L General Physics I Lab	PHSC 2013 Physics I PHSC 2011 Physics I Lab	5
MA 107 Plane Trigonometry	MATH 1053 Trigonometry	3
Arts & Humanities Options (SGE) 060		3
Sophomore 2nd Semester, Total Credit Hours - 15		
Communication Options (SGE) 020		3
Arts & Humanities Options (SGE) 060		3
Electives		4
Institutional Options (SGE) 070 BI105 Biology II BI105L Biology II Lab	BIOL 1023 General Biology II BIOL 1021 General Biology II lab	5

Total HutchCC Credit Hours: 60

Hutchinson Community College and Newman University
Curriculum Guide for Associate of Science and Bachelor of Science in Biology

Table 1 (Continued)

Newman University Courses for Senior Year	Credit Hours
Senior 1st Semester, Total Credit Hours - 16	
BIOL 3053 Genetics BIOL 3051 Genetics Lab BIOL 3041 Genetics Problem Session	5
BIOL 4051 Biology Colloquium*	1
Biology Elective Course (See Table 1A)	4
Newman Studies Program Capstone Course	3
Quest for Meaning (Theology)	3
Senior 2nd Semester, Total Credit Hours - 15	
BIOL 4071 Biology Senior Seminar	1
Newman Studies Program Capstone Course	3
BIOL 4153 Cellular and Molecular Biology BIOL 4152 Cellular and Molecular Biology Lab	5
Biology Elective Course (See Table 1A)	3
Biology Elective Course (See Table 1A)	3
Scholars Day	0
Total Newman University Credit Hours (Table 1)	60+
Total Credit Hours Required for Degree (Table 1)	120+

Table 1 (Continued). Newman University Requirements for these concentrations: Biomedical Research, General Biology, Pre Dentistry, Pre-Medical Technology, Pre-Medicine, Pre-Optometry, Pre-Pharmacy, Pre-Physician Assistant, Pre-Veterinary Medicine.

Table 1A. Biology Elective Courses

Biology Electives	Credit Hours
BIOL 2022 - Medical Terminology ^{ov}	2
BIOL 2053 - Nutrition	3
BIOL 3033 -Advanced Anatomy	3
BIOL 3054 Pathophysiology	4
BIOL 3123 Immunology	3
BIOL 3303 - Exercise Physiology (Fall - Odd Year)	3
BIOL 3313 - Prevention and Care of Athletic Injury	3
BIOL 3323 - Kinesiology (Fall - Even Year)	3
BIOL 4002 Human Embryology (Fall - Even Year)	2
BIOL 4062 - Biology Research	2
BIOL 4123 - Internship in Sports Medicine	3
BIOL 4153 Cellular and Molecular Biology BIOL 4152 Cellular and Molecular Biology Lab	5

Hutchinson Community College and Newman University
Curriculum Guide for Associate of Science and Bachelor of Science in Biology

Table 2

Newman University Courses for Junior Year	Credit Hours
Junior 1st Semester, Total Credit Hours - 14	
BIOL 2032 Human Anatomy BIOL 2031 Human Anatomy Identification Lab	3
BIOL 2053 Nutrition	3
BIOL 2022 Medical Terminology	2
BIOL 3033 Exercise Physiology (Fall - Odd Year) or BIOL 3323 - Kinesiology (Fall-Even Year)	3
Upper Division Credit Elective	3
Junior 2nd Semester, Total Credit Hours - 16 or 17	
BIOL 2052 Human Physiology or BIOL 2063 - Physiology for Science Majors BIOL 2051 Human Physiology Lab	3-4
*PHSC 2023 Physics 2 *PHSC 2021 Physics 2 Lab	4
**BIOL 3313 Prevention and Care of Athletic Injury	3
***BIOL 3033 Advanced Anatomy	3
Quest for Meaning (Theology)	3

Table 2. Newman University Requirements for the following concentrations: Pre-Athletic Training, Pre-Occupational Therapy, Pre-Physical Therapy

*Not Required for Pre-Athletic Training and Pre-Occupational Therapy concentrations

**Not required for Pre-Occupational Therapy and Pre-Physical Therapy concentrations.

***Not required for Pre-Athletic Training concentration.

Hutchinson Community College and Newman University
Curriculum Guide for Associate of Science and Bachelor of Science in Biology

Table 2 (Continued)

Newman University Courses for Senior Year	Credit Hours
Senior 1st Semester, Total Credit Hours - 15	
BIOL 3053 Genetics*	3
BIOL 3051 Genetics Lab*	1
BIOL 3041 Genetics Problem Session*	1
BIOL 4051 Biology Colloquium*	1
BIOL 2103 Biostatistics or MATH 2033 - Probability and Statistics 1	3
BIOL 3033 Exercise Physiology (Fall - Odd Year) or BIOL 3323 - Kinesiology (Fall - Even Year)	3
Upper Division Credit Elective	3
Senior 2nd Semester, Total Credit Hours - 16	
BIOL 4071 Biology Senior Seminar	1
BIOL 4123 Internship in Sports Medicine	3
PHIL 3033 Ethics	3
Newman Studies Program Capstone Course*	3
Upper Division Credit Elective	3
Upper Division Credit Elective	3
Scholars Day	0
Total Newman University Credit Hours (Table 2)	60+
Total Credit Hours Required for Degree (Table 2)	120+

Table 2. Newman University Requirements for the following concentrations: Pre-Athletic Training, Pre-Occupational Therapy, Pre-Physical Therapy