

Transfer Agreement

Central New Mexico Community College

Associate of Science in Biology

and

New Mexico Highlands University

Bachelor of Science *or* Bachelor of Arts in Biology

- Students completing the Associate of Science in Biology at Central New Mexico Community College can apply those credits and courses directly toward the Bachelor of Arts in Biology **OR** the Bachelor of Science in Biology at New Mexico Highlands University.
- Any deviation from this prescribed agreement will require appropriate approval from CNM's School of Math, Science and Engineering and/or NMHU's Department of Biology and Chemistry.
- Upon completing the Associate of Science in Biology, as prescribed in this document, will be admitted to NMHU as Junior's in the Bachelors of Science in Biology or Bachelors of Arts in Biology degree program. Furthermore, the additional NMHU core curriculum requirements and minor requirements, if any, are waived.
- This transfer agreement will be revised by CNM and NMHU each academic year.

Central New Mexico Community College

Associate of Science in Biology

(62-64 credit hours)

New Mexico Highlands University

Bachelor of Arts in Biology

(120 credit hours)

Bachelor of Science in Biology

(120 credit hours)

Oral and Written Communication

Complete 9 credit hours

ENG 1101 College Writing (3)

ENG 1102 Analytics and Argumentative Writing (3)

COMM 1130 Public Speaking (3)

ENGL 111 Freshman Composition I (3)

ENGL 112 Freshmen Composition II (3)

SPCH 124 Beginning Speech (3)

Mathematics

Complete 6-8 credit hours. Select a Math Sequence: MATH 1460 & 1465 **OR** MATH 1710 & 1715. Math requirements for NMHU's **B.S. in Biology** are MATH 1710 & MATH 1715 Calculus sequence.

MATH 1460 Elements of Calculus I (3)

MATH 1465 Elements of Calculus II (3)

OR

¹MATH 1710 Calculus I (4)

¹MATH 1715 Calculus II (4)

MATH 155 Applied Calculus I (3)

MATH 205 Applied Calculus II (3)

OR

¹MATH 211 Calculus I (4)

¹MATH 252 Calculus II (4)

Laboratory Sciences

Complete 36 credit hours. Complete all BIO and CHEM courses listed. The Biology program at NMHU requires that the CNM PHYS lecture and labs courses be completed in order to earn transfer credit for the NMHU PHYS equivalents listed below (ex. Complete PHYS 1510 and 1592).

BIO 1510 Molecular and Cell Biology (3)

BIO 1592 Molecular and Cell Biology Lab (1)

BIO 1610 Genetics (3)

BIO 1692 Genetics Lab (1)

BIO 2410 Ecology and Evolution (3)

BIO 2492 Ecology and Evolution Lab (1)

BIO 2510 Plant & Animal Form and Function (3)

BIO 2592 Plant & Animal Form and Function Lab (1)

CHEM 1710 General Chemistry I (3)

CHEM 1792 General Chemistry I (1)

CHEM 1810 General Chemistry II (3)

CHEM 1892 General Chemistry II (1)

PHYS 1510 Algebra-Based Physics I (4)

PHYS 1592 Algebra-Based Physics I Lab (1)

²BIO 212 General Biology II (4)

³BIO 300 Genetics (4)

²BIO 211 General Biology I (4)

³BIO 313 Diversity & Systematics (3)

CHEM 211 General Chemistry I (3)

CHEM 215 Chemistry Lab I (2)

CHEM 212 General Chemistry II (3)

CHEM 216 Chemistry Lab II (2)

PHYS 151 Algebra Physics I (4)

AND

<p><u>AND</u> PHYS 1610 Algebra-Based Physics II (4) PHYS 1692 Algebra-Based Physics II Lab (1) <u>OR</u> PHYS 1710 Calculus-Based Physics I (4) PHYS 1792 Calculus-Based Physics I Lab (1) <u>AND</u> PHYS 1810 Calculus-Based Physics II (4) PHYS 1892 Calculus-Based Physics II Lab (1)</p>	<p>PHYS 152 Algebra Physics II (4) <u>OR</u> PHYS 291 Calculus Physics I (5) <u>AND</u> PHYS 292 Calculus Physics II (5)</p>
<p>Social and Behavioral Sciences Complete 6 credit hours</p>	
<p>ANTH 1101 Intro Anthropology (3) ANTH 1110 Language Culture and the Human Animal (3) ANTH 1120 Archaeology: Discovering Our Past (3) ANTH 1121/1192 Archaeology Field Methods with Laboratory (4) ANTH 1130 Cultures of the World (3) ANTH 2238 Cultures of the Southwest (3) CST 1150 Introduction to Cultural Studies (3) CST 2260 Popular Culture and Cultural Identity (3) ECON 1101 Introduction to Economics (3) ECON 2200 Macroeconomics (3) ECON 2201 Microeconomics (3) ECON 2203 Society and Environment (3) GEOG 1102 Human Geography (3) PSCI 1110 Political World (3) PSCI 2200 U.S. Politics (3) PSCI 2210 State and Local Politics (3) PSCI 2220 Comparative Government and Politics (3) PSCI 2240 International Politics (3) PSCI 2260 Political Ideas (3) PSY 1105 Introduction to Psychology (3) PSY 2220 Developmental Psychology (3) PSY 2231 Human Sexuality (3) PSY 2233 Psychology and Film (3) SOC 1101 Introduction to Sociology (3) SOC 2205 Crime Public Safety and the Criminal Justice System (3) SOC 2211 Social Problems (3) SOC 2213 Deviant Behavior (3) SOC 2216 Ethnic and Minority Group (3) SOC 2221 Global Issues (3) SOC 2225 Sociology of Family (3) SOC 2235 Sociology of Gender (3)</p>	<p>Courses within CNM's Social and Behavioral Sciences group are accepted as part of the New Mexico Higher Education General Ed Core Course Transfer Curriculum and will be directly applied to NMHU's Social and Behavioral General Core requirement.</p>
<p>Humanities Complete 6 credit hours from options</p>	
<p>ENG 1150 Study of Literature (3) ENG 2250 Analysis of Literature (3) ENG 2251 Introduction to Dramatic Literature (3) ENG 2252 Introduction to Shakespeare (3) ENG 2262 Survey of Earlier World Literature (3) ENG 2263 Survey of Later World Literature (3) ENG 2270 Modern Literature (3) ENG 2282 Modern Latin America (3) ENG 2284 Survey of Earlier English Literature (3)</p>	<p>Courses within CNM's Humanities group are accepted as part of the New Mexico Higher Education General Ed Core Course Transfer Curriculum and will be directly applied to NMHU's Humanities requirement.</p>

<p>ENG 2285 Survey of Later English Literature (3) ENG 2287 Earlier American Literature (3) ENG 2288 Latin American Literature (3) GNHN 1121 General Honors: The Ancient Legacy (3) GNHN 1122 General Honors: The Modern Legacy (3) GNHN 2211 Utopian and Dystopian Thought (3) HIST 1101 Western Civilization I (3) HIST 1102 Western Civilization II (3) HIST 1161 History of the United States I (3) HIST 1162 History of the United States II (3) HIST 1181 Early Latin American History (3) HIST 1182 Modern Latin American History (3) HIST 2240 Vietnam: War Politics and Culture (3) HIST 2260 History of New Mexico (3) HIST 2270 The American West (3) HUM 1111 Cultures of Civilization (3) HUM 1121 Cultures and Civilization Renaissance to Present (3) PHIL 1102 Ethics in Society (3) PHIL 1110 Introduction of Philosophical Thought (3) PHIL 1156 Logic and Critical Thinking (3) PHIL 2246 Environmental Ethics (3) PHIL 2247 Biomedical Ethics (3) RLGN 1107 Living World Religions (3) RLGN 2240 Ancient Religions (3) RLGN 2263 Eastern Religions (3) SPAN 2280 Introduction to Hispanic Literature (3)</p>	
<p>Computer Technology Complete 3 credit Hours</p>	
IT 1010 Computer Concepts and Software Applications (3)	MIS 145 Microcomputer Applications in Business (3)
<p>Additional NMHU Biology degree Coursework, offered by CNM Coursework listed in this section are NMHU Biology requirements offered by CNM.</p>	
<p>⁴CHEM 2710 Organic Chemistry I (3) ⁴CHEM 2792 Organic Chemistry I Lab (1) Fine Arts/Humanities (3) *Meet with an advisor to determine appropriate Fine Arts or Humanities courses. PHYS Lab courses. (2) *PHYS labs are a requirement of the NMHU B.S. & B.A. in Biology.</p>	<p>⁴CHEM 341 Organic Chemistry I (4) Fine Arts or Humanities (3) PHYS Labs *CNM PHYS lecture and labs must be completed in order to earn NMHU equivalents as listed in the Laboratory Science section of this transfer agreement.</p>

¹ Students transferring to NMHU's Biology **BS** program are required to complete the Math 1710 & 1715 (NMHU's MATH 211 & 252) Calculus series. NMHU Math 211 Calculus I is a Biology **Bachelor of Science requirement**.

² CNM's BIO 1510/1592 & BIO 2410/2492 will satisfy NMHU's BIOL 211 & BIOL 212; however, completion of BIOL 211 & 212 at NMHU and transfer to CNM will not satisfy BIO 1510/1592 & BIO 2410/2492.

³ CNM's BIO 1610/1692 Genetics w/ Lab & BIO 2510/2592 Plant & Animal Form and Function w/ Lab will satisfy NMHU's BIOL 300 Genetics and BIOL 313 Diversity and Systematics, but will not fulfill upper division requirements.

⁴ CNM's CHEM 2710/2792 Organic Chemistry w/ Lab will satisfy NMHU's CHEM 341 Organic Chemistry I, but will not fulfill upper division requirements.

Signatures on File