**Luna Community College**

**&**

**New Mexico Highlands University**

# Science, Technology, Engineering & Mathematics (STEM)

# Transfer Guide

# For LCC/NMHU Articulated STEM Programs

**2015**

## Luna Community College/New Mexico Highlands University STEM Transfer Guide

This transfer guide is to assist students in the fields of Science, Technology, Engineering and Mathematics (STEM) who wish to transfer from Luna Community College to New Mexico Highlands University. Students who complete their Associates of Science (AS) degree in General Science or as an Associates of Applied Science (AAS) in Computer Pre-Engineering, including the 35-hour state mandated core, will automatically meet NMHU general education proficiency and extended core requirements.

### Admissions

Any STEM student in good standing at Luna Community College that has successfully completed 16 or more credits with at least a "C" average will be admitted to NMHU. The admissions process consists of an undergraduate application, and official academic transcripts from LCC and any other colleges/university attended. An individual transfer analysis will be completed by the NMHU Registrar's Office to determine the academic standing and remaining degree requirements of the prospective transfer student. The Registrar will refer the transfer student to an advisor in his/her major who will assist the student to develop a semester-by-semester program of study.

Students may enroll in classes at both LCC and NMHU during any given semester. If financial aid is awarded, students must complete a Consortium Agreement at their home institution in order to utilize financial aid at both institutions. Per the Consortium Agreement, grades from both institutions must be submitted to the home institution.

For application information, please contact our Admissions Office:

**Admissions Offices**
**Box 9000**
**New Mexico Highlands University**
**Las Vegas, New Mexico 87701**
**Phone: (505)454-3439/3434/3437 or Toll Free: 1-877-850-9064**
**Email: Admissions@nmhu.edu**

**Visit our website for on-line application and/or information:**
**www.nmhu.edu; click on Future Students- then click on Admissions.**

### NMHU Degree Requirements

A minimum of 120 degree credits, including a major and minor*, is required for graduation. In addition, students must earn at least 45 credits in upper-division courses (junior and/or senior level courses), and must satisfy Highlands' residency requirements. English and math proficiency requirements do not count towards the 120 credit requirement. An overall GPA of "C" or better is required for graduation, and no credits earned with a grade less than 'C" will be transferred or credited to the major or minor. The LCC grade point average is not transferred, and will not be included in the NMHU cumulative GPA. Students who have signed a Consortium Agreement** must submit grades from the visiting institution to their home institution's registrar as well as the financial aid office each semester to determine overall semester GPA for financial aid eligibility. For specific academic policies, procedures, degree and program requirements, please refer to the current NMHU catalog.

*The minor requirement is waived for students transferring with an earned associate's degree.
**Consortium agreements can be obtained from the financial aid offices at LCC & NMHU (see back page for a sample)

**This guide was a result of work conducted though funds provided by the United States Department of Education Grant, HSI-STEM Program (#PO31C110033).**

## Highlights of the LCC/NMHU STEM Memorandum of Understanding

*Signed August 2014*

Program students are entitled to the same rights, privileges, and responsibilities as other students.

Students may participate in the Paired Degree Option between LCC and NMHU through one of the following three pathways:

- The Transfer Degree Pathway (2+2) is for students who have completed an associate's degree from LCC and wish to complete a bachelor's degree from NMHU.
- The Integrated Degree Pathway is for students who wish to pursue an associate's degree from LCC while simultaneously completing the requirements for a bachelor's degree from NMHU in partnership with LCC.
- The Inverted Degree Pathway is for NMHU students pursuing NMHU degree requirements who also want to complete associate's degree requirements at LCC.

Or may participate in the STEM Single/Traditional Degree Option

- Individuals at their respective institution may complete articulated STEM core courses at either institution while pursuing a degree at their home institution.

Participation requires the student to satisfy admission qualifications (i.e. grade point average, placement tests) at both institutions. Some degree programs may have enrollment restrictions, physical requirements or additional eligibility criteria. Once matriculated, the student shall be considered a program participant at both institutions. Students may enroll in courses at either or both institutions during any semester. Students who enroll in over 18 credit hours in any one semester are responsible for obtaining approval from the appropriate academic officer at each institution.

Students who have completed the 35-credit general education module approved statewide will *have* satisfied the 35 -credit general education requirement at either institution. Additional requirements, as noted in the transfer guide, must be satisfied. Students transferring with an AS in general science from LCC will have the NMHU proficiency, extended core and minor requirements waived. However, all other university requirements, including the university's state mandated 35-hour common core, program requirements, residency and the 45 upper-division credit requirements must be met before granting of the BS.

Advisers at LCC will endeavor to inform students of the opportunities to complete an AS or AAS degree that facilitates the continuation of academic work which leads to the completion of a BS or BA degree at NMHU. Students who intend to transfer to NMHU to pursue a Bachelor's of science degree will be advised to integrate upper level courses from NMHU while pursuing their LCC AS or AAS degree. Students from both institutions are encouraged to take the aligned courses at either institution in order to meet scheduling and/or financial needs.

Tuition and fee charges will be assessed in accordance with published rates and procedures by each institution. Students enrolled through the Paired-Degree Option may apply for student financial aid. A consortium agreement between the two institutions allows students to continue to receive financial aid funds while studying at a school other than his or her home institution. Eligibility for assistance is determined by the standard financial aid application process and will be processed by the degree-granting (home) institution. Students must complete and sign a consortium agreement in order to use their financial aid at both institutions. Additionally, students must submit grades or a transcript after each term so the combined GPA can be calculated for continued financial aid eligibility.

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## New Mexico Common Core Equivalents

Students must complete 35 hours of General Education Core, some of these are completed while completing the requirements for the Associate's or Bachelor's Degree. It is important to work with an advisor to assure that the general education courses selected can count towards the intended major when possible.

**Area I: Communications: 9 Credit Hours**

| LCC Course Title | LCC Course Number | Credits | NMHU Course Title | NMHU Course Number | Credits |
|---|---|---|---|---|---|
| Freshman Composition I | ENG111 | 3 | Freshman Comp. I | Engl 111 | 3 |
| Freshman Composition II | ENG115 | 3 | Freshman Comp. II | Engl 112 | 3 |
| Public Speaking | SPCH111 | 3 | Beginning Speech | Spch 124 | 3 |

**Area II: Mathematics: 3 Credit Hours**
Completed in the requirements for AS/BS degree.

**Area III: Laboratory Science: 8 Credit Hours (2 lab courses in different science disciplines)**
Completed in the requirements for BS degree at NMHU, however two additional lab science courses must be taken to complete AS at LCC.

**Area IV: Social/ Behavioral Sciences: 6 or 9 Credit hours (If student chooses 6 credit hours in Area IV, student must choose 9 in Humanities/Fine Arts).**

| LCC Course Title | LCC Course Number | Credits | NMHU Course Title | NMHU Course Number | Credits |
|---|---|---|---|---|---|
| Introduction to Anthropology | ANTH103 | 3 | Intro to Sociocultural Anthropology | Anth 102 | 3 |
| Cultures of the World | ANTH221 | 3 | Intro to Physical Anthropology & Archaeology | Anth 103 | 3 |
| Principles of Macroeconomics | ECON208 | 3 | Principles of Macroeconomics | Econ 216 | 3 |
| Principles of Microeconomics | ECON209 | 3 | Principles of Microeconomics | Econ 217 | 3 |
| American National Government | POLS151 | 3 | American National Government | Pols 151 | |
| Introduction to Psychology | PSYC101 | 3 | Psychology & Society | Psyc 101 | 3 |
| Introduction to Sociology | SOC101 | 3 | Introduction to Sociology | Soc 152 | 3 |

**Area V: Humanities and Fine Arts: 6 or 9 Credit hours (If student chooses 6 credit hours in Area V, student must choose 9 in Social/ Behavioral Sciences).**

| LCC Course Title | LCC Course Number | Credits | NMHU Course Title | NMHU Course Number | Credits |
|---|---|---|---|---|---|
| Introduction to Art | ART110 | 3 | Intro. To Art | Art 100 | 3 |
| Art History | ART210 | 3 | Art History | Art 100 | 3 |
| Western Civilization I | HIST101 | 3 | The Western World | Hist 100 | 3 |
| Western Civilization II | HIST102 | 3 | | | |
| US History to 1865 | HIST161 | 3 | US History to 1865 | Hist 201 | 3 |
| US History from 1865 | HIST162 | 3 | US History from 1865 | Hist 202 | 3 |
| History of New Mexico | HIST220 | 3 | | | |
| Music Appreciation | MUS108 | 3 | Introduction to Music | Mus 100 | 3 |
| Music History | MUS208 | 3 | Rudiments of Music | Mus 101 | 3 |
| Intro. to Philosophy | PHIL101 | 3 | Intro. to Philosophy | Phil 100 | 3 |
| History of Christianity | THEO222 | 3 | | | |
| World Religions | THEO232 | 3 | | | |
| Intro. to Theater | THTR110 | 3 | Intro. to Theater | Thea 100 | 3 |

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## LCC DEGREES, DEPARTMENT OF SCIENCE, TECHNOLOGY, ENGINEERING & MATH

- General Science (AS)
- Computer Science (AAS)
- Pre-engineering (AS)
- Drafting Technology (AAS)
- Electronics Engineering (AAS)
- Computer Application Specialist (Certificate)

## NMHU STEM DEGREES, COLLEGE OF ARTS AND SCIENCES

**Department of Biology and Chemistry**

- Major in Biology (BA)
- Major in Biology (BS)
- Major in Chemistry (BA), Concentration in Biochemistry
- Major in Chemistry (BS)
- Major in Chemistry (BA)
- General Science Degree for Secondary Teachers (BA/BS)

**Department of Computer and Mathematical Sciences**

- Major in Computer Science (BS/BA)
  - Concentration in Software/Hardware Systems (BS)
- Major in Math and Computer Science for Secondary School Teachers (Grades 7-12)
- Major in Math and Computer Science for Secondary School Teachers (BA)
- Major in Mathematics (BS)
- Major in Mathematics (BA)

**Department of Natural Resources Management**

- Major in Environmental Geology (BS)
  - Environmental Geology Concentration
  - Watershed Management Concentration
  - Environmental Science Track
- Major in Forestry (BS)
  - Forestry Management Concentration
  - Wildland Fire Concentration
- Major in Conservation Management (BA)

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## STEM Department/Program Descriptions

**LCC General Science:**

The General Science degree program is an interdisciplinary degree track that can lead to an advance degree in medicine, research, teaching or related field. The program is focused on the fundamentals of science and is designed to be flexible in preparing students for upper division studies at the university. Through proper advising and course selection, students can use the general science degree to pursue many diverse science fields. Students should be familiar with the admission requirements of the university they plan to attend.
http://www.luna.edu/gen_science/

**LCC Computer Science: Associate of Applied Science degree**

Computer Science is designed for students who wish to enter the multifaceted field of computers. The program provides students with general computer hardware, software, networking and security skills using Microsoft and LINUX operating systems. The purpose of the degree is to provide students with computer skills for employment opportunities or as a preparatory program for students who plan to pursue a bachelor's degree in computer science or a related field. If the primary goal is to transfer, the student must learn in advance the particular requirements of the intended school or university. With proper advising students may choose one of the three tracks in computer science: information systems, web technology, or video game programming.

http://www.luna.edu/comp_sci/

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**LCC Pre-Engineering: Associate of Science Degree**

The Associate of Science degree in Pre-Engineering is designed to provide students a set of skills and courses that will transfer into a four-year engineering program, mathematics, or related field. The intent of the program is to develop student interest in Science, Technology, Engineering and Mathematics (STEM), expose students to STEM curriculum, and foster the pursuit of advance degrees at the university level. Students are strongly encouraged to consult with their LCC advisor for proper advising and course selection.

http://www.luna.edu/pre_engineering/

**LCC Drafting Technology: Associate of Applied Science degree**

Drafting Technology provides students with technical knowledge and skills necessary to utilize computer software to prepare drawings commonly used in the building industry. Students receive training on recent releases of CAD software as well as hands-on experience in problem solving, critical thinking and communication skills. The curriculum is designed to provide a broad-based education with an opportunity for directing one's studies toward specific employment as well as continuation of education at a four-year university.

http://www.luna.edu/draft_tech/

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**LCC Electronics Engineering Technology: Associate of Applied Science degree**

Electronics Engineering Technology is designed to provide students with technical knowledge and skills necessary for employment in the field of electronics and its related career paths. The curriculum is designed to provide a broad-based education with an opportunity for directing one's studies toward specific employment as well as continuation of education at a four-year university. The labs provide hand-on learning experience where students use modern testing and diagnostic equipment as well as modern simulation software.

http://www.luna.edu/elec_eng_tech/

**LCC Computer Application Specialist: Certificate**

Computer training is essential for any career in today's world. The purpose of the Computer Application Specialist Certificate is to develop technical expertise in computer technology and its applications. The curriculum is focused on knowledge and understanding of common office application software, computer hardware and software components, introduction to operating systems, and introduction to computer networks. Under approved electives, students will have the opportunity to choose from a variety of computer courses.

Coursework in the Computer Application Specialist Certificate can be applied toward the Associate of Applied Science Degree in Computer Science. Students are strongly encouraged to consult with their LCC advisor for proper advisement and course selection.

http://www.luna.edu/computer_application_specialist/

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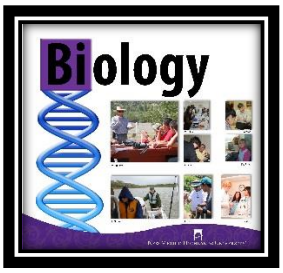
NEW MEXICO HIGHLANDS UNIVERSITY

**STEM Programs Descriptions**




The Department of Biology and Chemistry values teaching and research as equal and essential components of the education of our students and seeks to integrate research with teaching at every possible opportunity in the curriculum. Housed in the Ivan Hilton Science Center, students enjoy modern laboratories and instrumentation. The department offers both BA and BS programs in chemistry and biology. The BA in chemistry is also offered with a biochemistry option. The BS chemistry degree is approved by the American Chemical Society (ACS). A recommended curriculum /or plan of study, is available for all degrees.

For those with an interest in teaching with an emphasis in science, other options, aside from earning a degree in biology or chemistry, include a BA in general science for secondary school teachers (Grades 7 – 12), a minor in general science for elementary school teachers (Grades K – 5), or a combined science minor.

The mission of the Biology Program is to provide students with a high quality education that includes experience with research and field projects. The program provides a scientific and technical background that empowers students to successfully pursue science and technology careers or proceed to advanced graduate studies. Faculty strives to make each student's educational experience challenging and rewarding.

The Biology Program prides itself on its ability to place students into bioscience careers. Data suggest that our graduates are highly successful in being admitted to and completing medical, dental, and veterinary schools and graduate programs nationwide. The department attributes this success to intensive biology laboratory and field experiences with cutting-edge technology and instructors committed to individual student progress. Facilities include laboratories in physiology, microbiology, molecular biology, plant biology, and a greenhouse, as well as nearby field sites for ecological research. A computer laboratory with bioinformatics software is available for classes and student use. Students majoring in biology are taught the practical use of common scientific instrumentation they will encounter in their careers. All biology students seeking a BS are required to complete an undergraduate research project that provides students with a realistic perspective of biology and how scientific investigations are conducted.

For contact information and faculty profiles, please go to:
www.nmhu.edu/academics/undergraduate/arts_science/biology_chemistry

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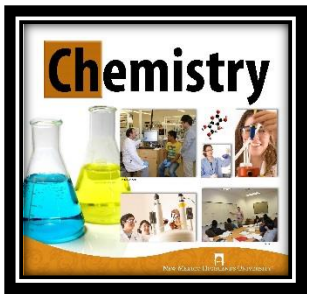


The mission of the Chemistry Program is to offer the highest quality courses and programs for all students. The Bachelor of Science degree is appropriate for those students intending to enter the science workforce directly after graduation. The BA degree is sufficient for students requiring a wider background in the sciences with chemistry still as the core discipline. The biochemistry degree option is directed toward providing excellent preparation for chemistry students who wish to enter a professional school to study for careers in medicine, veterinary science, dentistry, ophthalmology, or pharmacy. It provides students with a background in chemistry and biology, along with flexibility in selection of electives to refine a student's specific interest.

Students in chemistry have access to modern laboratories and a wide array of modern, sophisticated instrumentation for chemistry classes and research. Chemical measurement instrumentation includes a high-field nuclear magnetic resonance spectrometer, X-ray diffractive equipment, gas and liquid chromatographs, mass spectrometers, IR, UV, visible spectrophotometers, and laser spectroscopy facilities. Students who major in chemistry are expected to become fully competent in the use of the instruments by the time they graduate. Students gain a practical perspective on chemistry through involvement with research projects. The Chemistry Program is highly successful in placing its graduates in exciting careers in industry and government. Another option frequently pursued by our graduates is to continue their studies in either a master's or doctoral program.

For contact information and faculty profiles, please go to:
www.nmhu.edu/academics/undergraduate/arts_science/biology_chemistry

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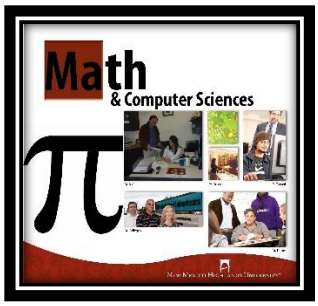


The Department of Computer and Mathematical Sciences offers Bachelor of Science and Bachelor of Arts degrees in mathematics, computer science and minors in mathematics, computer science and physics. The degree in computer science has three areas of concentration: software/hardware systems, information systems, and an individualized program of study. These are designed so the student can convert readily to the computer science major.

The department also offers transferable courses in engineering in support of the New Mexico Higher Education Department (HED) Engineering Transfer Module for students who wish to undertake the first two years of engineering studies at Highlands then transfer to accredited engineering programs nationally for completion of an engineering degree. The department supports other majors at Highlands by providing undergraduate and graduate mathematics and physics classes. The department also provides mathematics classes tailored to specific majors, such as education and business.

The Mission of the Department of Computer and Mathematical Sciences is to train students in the fields of mathematics, computer science, physics, and engineering. By encouraging and developing problem solving, critical/analytical thinking, and practical, laboratory-based skills, our students will be well prepared for careers in any combination of these fields, either via solid preparation for further graduate education or immediate entrance into the workforce (industry, teaching, and national laboratories).

The department resides within the Ivan Hilton Science Building on the Highlands main campus. As part of the physics program, the department maintains an astronomical observatory located on the roof of the Ivan Hilton Science Building. The observatory is equipped with a 16-inch Meade research-grade telescope.

For contact information and faculty profiles, please go to:
www.nmhu.edu/academics/undergraduate/arts_science/math_eng_phys

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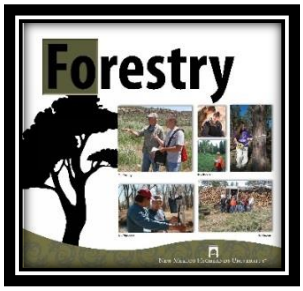


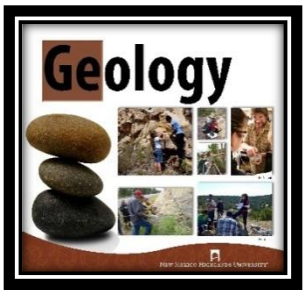


The mission of the Natural Resources Department academic programs is to provide students with a high quality science education that includes experience with field and laboratory research. Both the environmental geology and forestry programs provide scientific and technical backgrounds that empower students to successfully pursue science and technology careers or proceed to advanced graduate studies. The NRM professors strive to make each student's educational experience challenging and rewarding. The Department of Natural Sciences is housed in the Ivan Hilton Science Center. Modern classroom settings and new laboratory spaces, showcasing state-of-the-art analytical equipment and modern safety features, provide students with hands-on, student-centered learning environments. For more information about our research facilities

Environmental geology is an interdisciplinary major concerned with the practical application of the principles of geology in the solving of environmental problems. Environmental geology deals with earth resources, geologic hazards, and the interaction of humans with the environment. Courses are designed to provide students with scientific knowledge, mathematical proficiency, research skills, technical abilities, and writing competencies to launch exciting and rewarding careers in the geosciences. Environmental geology professors are committed to learning-centered teaching, student-involved research, and community outreach.

The Bachelor of Science in environmental geology has two degree tracks: watershed management and environmental science. The degree tracks are highly integrated programs including basic courses in geology, water science, and environmental science, respectively. They also offer field study, laboratory experience, independent research, and elective coursework. Environmental geology students are not required to take a minor, but those concentrating in geology are required to take a summer field course (GEOL 375) prior to graduation. Environmental geology bachelor's degree graduates have excellent career opportunities in water, mineral, and energy resource exploration, resource recovery, resource management, water minimization, pollution prevention, contamination remediation, and environmental protection.

The geology concentration is designed to provide quantitative preparation for career pathways involving interdisciplinary study of the environment, with a geological emphasis. It highlights those subjects that are most relevant to society, including hydrology, geomorphology, earth materials, geochemistry, and soil science, as well as the tools and techniques for environmental geology study.

The environmental science degree track of the Environmental Geology Program focuses on the application of geologic, physical, biological, and chemical principles to the study of the physical environment and the solution of a wide range of environmental problems, including subjects such as abating or controlling environmental pollution and degradation; the interaction between human society and the natural environmental; an natural resources management. The concentration prepares students via instruction in biology, chemistry, climate, environmental management, geosciences, geospatial analysis, mathematics, and physics. The major is deliberately designed to be sufficiently flexible to allow students, with close guidance

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from a faculty adviser, to design a major program emphasizing a verity of specific approaches to studying Earth's environment, based on a firm foundation of supporting sciences and ending with a project-oriented capstone course.

The water resources concentration is designed to provide disciplinary and interdisciplinary preparation for positions in industries or agencies requiring diversified experience in water science and management. Coursework emphasizes surface and ground water hydrology, water science, watershed management, watershed restoration, geochemistry, and water policy.

Forestry is the application of scientific principles to the sustainable management of forest resources, including a wide range of ecosystem services (e.g., alternative forest products, wildlife, medicinal herbs and craft materials), fresh water and biodiversity. The primary goal of the forestry program is to train technically competent forest and natural resources managers who understand the ecological notions that underpin human use of forest resources. Graduates of the Forestry Program meet all federal requirements for employment as a professional forester. Students receive training in the various techniques used to determine resource quantities and qualities, economic values, and social constraints in the management of natural resources.

Students who major in forestry are not required to take a minor. A summer field course is required of all students prior to their graduation. Students who wish to pursue graduate degrees should talk to an adviser about recommended coursework. The two concentrations within the forestry major are: forestry management and wildland fire.

The BA in Conservation Management will allow students a variety of career choices in the field of natural resource management with greater flexibility than is currently provided by the BS degree in Forestry. Issues of sustainability, climate change adaptation and mitigation, environmental justice, biodiversity, and increasing demand for finite food, water, and energy resources become more critical every day. While these challenges have a significant scientific and technical component, the social, cultural and economic dimensions of these issues are at least as challenging. The BA in Conservation Management will provide students with the skills necessary to integrate the diverse array of social, political, legal, institutional, cultural, economic and biophysical considerations inherent in attaining environmental and resource management goals. The BA in Conservation Management requires a minor. A variety of minors will complement the natural resource focus including: Business, Biology, Geology, Sociology, Anthropology, Criminal Justice and Psychology.

For contact information and faculty profiles, please go to:

www.nmhu.edu/academics/undergraduate/arts_science/natural_resources

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## LIST of ARTICULATED STEM PROGRAMS



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**AS-BA**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Biology BA/62-67 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a **LCC AS degree in General Science** and a **NMHU BA degree in Biology.** Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4 (3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 &111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Biology BA** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Biol 300 | Genetics | 4 |
| | Social/Behavioral Science Core Classes | 6 | Biol 313 | Diversity & Systematics | 3 |
| | | | Biol 301 **OR** Biol 302 **OR** Biol 303 | General Microbiology **OR** Animal Structure & Function **OR** Plant Structure & Function | 4 **OR** 4 **OR** 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Biol 389 **OR** Biol 476 | Ecology **OR** Evolution | 4 **OR** 3 |
| | Humanities and Fine Arts Core Classes | 9 | Biol 405 **OR** Biol 423 | Bacterial Physiology **OR** Molecular & Cell Biology | 4 **OR** 4 |
| | | | Chem 341 | Organic Chemistry 1 | 4 |
| **Additional LCC AS Degree Requirements - 30 Credits** | | | For 340 | Quantitative Methods | 3 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Elective credits should be determined in consultation with biology advisor, the 21 credits includes a minimum of 8 upper-division biology elective credit hours. | | 21 |
| SMET105 | Computer Use for Technology | 3 | | | |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | **LCC Total AS Credits** | | **66** |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | **Additional NMHU Biology BA Requirements** | | **54** |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | **Overall LCC (AS) / NMHU (BA) Degree Requirements** | | **120** |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |
| PHYS116 & 116L **OR** PHYS162 & 162L | General Physics II & Lab (NMHU Phys 152 & 152L) **OR** Calculus Physics II & Lab (NMHU Phys 292 & 292L) | 4 **OR** 4/(5) | | | |
| MATH190 | Trigonometry (NMHU Math 155 or NMHU Math 160) | 4/(3,5) | | | |
| **LCC General Science AS and NM Core Credits Total** | | **66** | | | |

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**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC) and New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Biology BS/77-83 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BS degree program. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a **LCC AS degree in General Science** and a **NMHU BS degree in Biology.** The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division. Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4 | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Biology BS** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Math 211 | Calculus 1 | 4 |
| | | | Biol 300 | Genetics | 4 |
| | Social/Behavioral Science Core Classes | 6 | Biol 313 | Diversity & Systematics | 3 |
| | | | Biol 301 **OR** Biol 302 **OR** Biol 303 | General Microbiology **OR** Animal Structure and Function **OR** Plant Structure and Function | 4 **OR** 4 **OR** 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Biol 389 **OR** Biol 476 | Ecology **OR** Evolution | 4 **OR** 3 |
| | Humanities and Fine Arts Core Classes | 9 | Biol 405 **OR** Biol 423 | Bacterial Physiology **OR** Molecular & Cell Biology | 4 **OR** 4 |
| | | | Biol 491 | Senior Project I | 2 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | Biol 498 | Applied Biological Research | 1-4 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Chem 341 | Organic Chemistry 1 | 4 |
| SMET105 | Computer Use for Technology | 3 | For 340 | Quantitative Methods | 3 |
| ENVS102 & 102L | Environmental Science and Lab(NMHU For 105 & 105L) | 4 | Elective credits should be determined in consultation with a biology advisor. The 22 credit hours must include 17 upper division credits , 12 of which must be in biology. | | 22 |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | **LCC Total AS Credits** | | **66** |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | **Additional NMHU BS Requirements** | | **54** |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **120** |
| PHYS116 & 116L **OR** PHYS162 & 162L | General Physics II & Lab (NMHU Phys 152 & 152L) **OR** Calculus Physics II & Lab (NMHU Phys 292 & 292L) | 4 **OR** 4/(5) | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |
| MATH190 | Trigonometry (NMHU Math 160) | 4/(5) | | | |
| **LCC General Science AS and NM Core Credits Total** | | **66** | | | |

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**AS-BA_**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Chemistry BA/49-51 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a **LCC AS degree in General Science** and a **NMHU BA degree in Chemistry.** The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division. Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Chemistry BA** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Chem 321 | Quantitative Analysis | 4 |
| | Social/Behavioral Science Core Classes | 6 | Chem 341 | Organic Chemistry 1 | 4 |
| | | | Chem 342 | Organic Chemistry 2 | 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Chem 371 | Physical Chemistry 1 | 3 |
| | Humanities and Fine Arts Core Classes | 9 | Chem 481 | Biochemistry 1 | 3 |
| | | | Chem 495 | Senior Chemistry Applications | 3 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | Elective credits determined in consultation with chemistry advisor. 24 of these credits must be upper division (>300 level) | | 33 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | **LCC Total AS Credits** | | **66** |
| SMET105 | Computer Use for Technology | 3 | | | |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | **Additional NMHU BA Requirements** | | **54** |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | **Overall LCC (AS) / NMHU (BA) Degree Requirements** | | **120** |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | | | |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |
| PHYS116 & 116L **OR** PHYS162 & 162L | General Physics II & Lab (NMHU Phys 152 & 152L) **OR** Calculus Physics II & Lab (NMHU Phys 292& 292L) | 4 **OR** 4/(5) | | | |
| MATH195 | Calculus I (NMHU Math 211) | 4 | | | |
| **LCC General Science AS and NM Core Credits Total** | | **66** | | | |

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**AS-BS_**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC) and New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Chemistry BS/72 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU ACS* Approved BS degree in Chemistry.*** *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division. Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU. *American Chemical Society* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Chemistry BS** | | |
| | | | Chem 317 | Physical Chemistry Lab | 3 |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Chem 321 | Quantitative Analysis | 4 |
| | Social/Behavioral Science Core Classes | 6 | Chem 322 | Instrumental Analysis | 4 |
| | | | Chem 341 | Organic Chemistry 1 | 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Chem 371 | Physical Chemistry 1 | 3 |
| | Humanities and Fine Arts Core Classes | 9 | Chem 372 | Physical Chemistry 2 | 3 |
| | | | Chem 461 | Inorganic Chemistry 1 | 3 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | Chem 481 | Biochemistry 1 | 3 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Chem 495 | Senior Chemistry Applications | 3 |
| SMET105 | Computer Use for Technology | 3 | Math 252 | Calculus 2 | 4 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | Math 273 | Calculus 3 | 4 |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | Math 320 | Linear Algebra | 3 |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | Electives credits should be determined in consultation with chemistry advisor. The 13 credit hours must include a minimum of 3 upper division chemistry credit hours and 9 upper division credits. | | 13 |
| PHYS161 & 161L | Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4/(5) | **LCC Total AS Credits** | | **66** |
| PHYS162 & 162L | Calculus Physics II & Lab (NMHU Phys 292& 292L) | 4/(5) | **Additional NMHU BS Requirements** | | **54** |
| MATH195 | Calculus I (NMHU Math 211) | 4 | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **120** |
| **LCC General Science AS and NM Core Credits Total** | | **66** | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |

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**AS-BA_**
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**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Chemistry/Biochemistry Concentration BA/ 57-59 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BA degree in Chemistry, Biochemistry Concentration.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4 (3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Biochemistry Concentration BA** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Biol 300 | Genetics | 4 |
| | Social/Behavioral Science Core Classes | 6 | Chem 321 | Quantitative Analysis | 4 |
| | | | Chem 341 | Organic Chemistry I | 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Chem 342 | Organic Chemistry 2 | 4 |
| | Humanities and Fine Arts Core Classes | 9 | Chem 371 | Physical Chemistry 1 | 3 |
| | | | Chem 481 | Biochemistry 1 | 3 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | Chem 482 | Biochemistry 2 | 3 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Elective credits determined in consultation with chemistry advisor. 20 must be upper level (>300 level). | | 29 |
| SMET105 | Computer Use for Technology | 3 | | | |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | **LCC Total AS Credits** | | **66** |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | **Additional NMHU Biochemistry BA Requirements** | | **54** |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | **Overall LCC (AS) / NMHU (BA) Degree Requirements** | | **120** |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |
| PHYS116 & 116L **OR** PHYS162 & 162L | General Physics II & Lab (NMHU Phys 152 & 152L) **OR** Calculus Physics II & Lab (NMHU Phys 292& 292L) | 4 **OR** 4/(5) | | | |
| MATH195 | Calculus I (NMHU Math 211) | 4 | | | |
| **LCC General Science AS and NM Core Credits Total** | | **66** | | | |

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**AS-BA**
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**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Conservation Management BA/46-49 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BA degree in Conservation Management.*** *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division. Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4 (3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Conservation Management BA** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | For 231 | Terrestrial Ecology | 4 |
| | | | For 237 | Water Resources | 3 |
| | Social/Behavioral Science Core Classes | 6 | Biol 303 | Plant Structure Function | 4 |
| Recommended: ANTH103: Introduction to Anthropology, POLS151: American National Govt, SOC101: Introduction to Sociology | | | For 305 | Natural Resources Economics | 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | For 330 **OR** Geol 412 | Natural Resources Law & Policy **OR** Geology Resources, Laws & Environmental Policies | 3 **OR** 3 |
| | Humanities and Fine Arts Core Classes | 9 | For 340 | Quantitative Methods | 3 |
| | | | For 412 | Survey & GIS | 4 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | For 426 | Professional Ethics | 1 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Elective credits should be determined in consultation with your forestry advisor and must be upper division courses (>300). A minor should be considered. | | 29 |
| SMET105 | Computer Use for Technology | 3 | | | |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | **LCC Total AS Credits** | | **66** |
| Elective credits from list of approved General Science electives, to be determined in consultation with advisor. Recommended: GEOL101: Survey of Earth Science & GEOL202: Earth History | | 20 | **Additional NMHU Biology BA Requirements** | | **54** |
| **LCC General Science AS and NM Core Credits Total** | | **66** | **Overall LCC (AS) / NMHU (BA) Degree Requirements** | | **120** |
| | | | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |

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**AS-BS**
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**LCC General Science AS/66 credits**

| | | |
|---|---|---|
| **NM General Education Core - 36 Credits** | | |
| **Area I. Communications - 9 Credits** | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 |
| | | |
| **Area II. Mathematics - 3 Credits** | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) |
| | | |
| **Area III. Lab Science – 8 Credits** | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) |
| | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | |
| | Social/Behavioral Science Core Classes | 6 |
| | | |
| **Area V. Humanities and Fine Arts – 9 credits** | | |
| | Humanities and Fine Arts Core Classes | 9 |
| | | |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 |
| SMET105 | Computer Use for Technology | 3 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 |
| GEOL101 & 101L | Survey of Earth Science & Lab (NMHU Geol 101 & 101L) | 4 |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) |
| PHYS116 & 116L **OR** PHYS162 & 162L | General Physics II & Lab(NMHU Phys152 & 152L) **OR** Calculus Physics II & Lab (NMHU Phys 292& 292L) | 4 **OR** 4/(5) |
| MATH190 | Trigonometry (NMHU Math 160) | 4/(5) |
| MATH195 | Calculus I (NMHU Math 211) | 4 |
| **LCC General Science AS and NM Core Credits Total** | | **66** |

**NMHU Environmental Geology BS/ Environmental Geology Concentration/84-86 credits**

*LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BS degree in Environmental Geology/Environmental Geology Concentration.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.*

**NMHU Environmental Geology Concentration BS**

| | | |
|---|---|---|
| Math 252 | Calculus 2 | 4 |
| Geol 202 | Earth History | 4 |
| Geol 301 | Environmental Geology | 4 |
| Geol 317 | Depositional Environments | 4 |
| Geol 325 | Earth Materials | 4 |
| Geol 330 | Structural Geology | 3 |
| For 330 | Quantitative Methods | 3 |
| Geol 375 | Field Geology | 4 |
| For 414 | Surveying and GIS | 4 |
| Geol 421 | Environmental Ground Water & Hydrology | 4 |
| Geol 424 | Environmental Geophysics | 4 |
| Geol 425 | Geomorphology | 3 |
| Geol 495 | Senior Geology Applications | 1 |
| Electives: 9 | | |
| **LCC Total AS Credits** | | **66** |
| **Additional NMHU BS Requirements** | | **55** |
| **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **121** |

*The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.*

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**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Environmental Geology BS/Environmental Science Track/ 85-86 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHUBS degree in Environmental Science Geology/Environmental Science Track.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Environmental Science Track BS** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Math 252 | Calculus 2 | 4 |
| | | | Geol 301 | Environmental Geology | 4 |
| | Social/Behavioral Science Core Classes | 6 | For 340 | Quantitative Methods | 3 |
| | | | For 315 **OR** Geol 412 | Natural Resources Law/Policy **OR** Geological Research, Law & Environmental Policy | 3**OR** 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Geol 495 | Senior Applications | 1 |
| | Humanities and Fine Arts Core Classes | 9 | Elective credits determined in consultation with geology advisor. 40 must be **upper division** credit hours (>300 level). | | 43 |
| | | | **LCC Total AS Credits** | | **66** |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | **Additional NMHU BS Requirements** | | **54** |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **120** |
| SMET105 | Computer Use for Technology | 3 | | | |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |
| GEOL101 & 101L | Survey of Earth Science & Lab (NMHU Geol 101 & 101L) | 4 | | | |
| BIO111 & 111L | General Biology II & Lab (NMHU Geol 212 & 212L) | 4 | | | |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | | | |
| MATH190 | Trigonometry (NMHU Math 160) | 4/(5) | | | |
| MATH195 | Calculus I (NMHU Math 211) | 4 | | | |
| **LCC General Science AS and NM Core Credits Total** | | **66** | | | |

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**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Environmental Geology BS/Watershed Management Concentration/ 85-89 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BS degree in Environmental Geology/Watershed Management Concentration.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Watershed Management Concentration BS** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Geol 301 | Environmental Geology | 4 |
| | Social/Behavioral Science Core Classes | 6 | For 333 | Water Science | 4 |
| | | | For 340 | Quantitative Methods | 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | For 400 | Surface Hydrology | 3 |
| | Humanities and Fine Arts Core Classes | 9 | For 408 | Limnology | 4 |
| | | | For 412 | Survey and GIS | 4 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | For 417 | Watershed Management | 4 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | Geol 418 | Remote Sensing | 4 |
| SMET105 | Computer Use for Technology | 3 | Geol 421 | Environmental Ground Water Hydrology | 4 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | Geol 425 | Geomorphology | **4** |
| GEOL101 & 101L | Survey of Earth Science & Lab (NMHU Geol 101 &101L) | 4 | Geol 432 | Environmental Geochemistry | **3** |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | For 453 | Toxicology in Life Science | 4 |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | Geol 495 | Senior Geology Applications | **1** |
| | | | Electives: 9-12 credits | | |
| | | | **LCC Total AS Credits** | | **66** |
| MATH195 | Calculus I (NMHU Math 211) | 4 | **Additional NMHU BS Requirements** | | **55** |
| MATH212 | Calculus II (NMHU Math 252) | 4 | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **121** |
| **LCC General Science AS and NM Core Credits Total** | | **66** | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |

**This guide was a result of work conducted though funds provided by the United States Department of Education Grant, HSI-STEM Program (#PO31C110033).**

**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU Forestry BS/Forestry Management Concentration / 77 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BS degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BS degree in Forestry/Forestry Management Concentration.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU Forestry Management Concentration BS** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | For 200 | Forestry Field Practice (summer course only) | 4 |
| | | | For 231 | Terrestrial Ecology | 4 |
| | Social/Behavioral Science Core Classes | 6 | Biol 303 | Plant Structure and Function | 4 |
| | | | For 305 | Natural Resources Economics | 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | For 340 | Quantitative Methods | 3 |
| | | | For 402 | Silviculture | 3 |
| | Humanities and Fine Arts Core Classes | 9 | For 405 | Wildland Fire Management | 3 |
| | | | For 411 | Mensuration & Biometrics | 4 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | For 412 | Surveying and GIS | 4 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | For 415 | Dendrology | 3 |
| SMET105 | Computer Use for Technology | 3 | For 416 | Soil Science | 4 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | For 420 | Wildlife Habitat Management | 3 |
| GEOL101 & 101L | Survey of Earth Science & Lab (NMHU Geol 101 & 101L) | 4 | For 422 | Forest Pathology | 3 |
| PHYS115 & 115 **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | For 425 | Field Safety Practices | 1 |
| MATH 190 | Trigonometry ((NMHU Math 160) | 4/(5) | For 426 | Professional Ethics | 1 |
| MATH195 | Calculus I (NMHU Math 155 or Math 211) | 4/ (3,4) | For 428 | Forest Entomology | 3 |
| Elective credits from list of approved General Science electives, to be determined in consultation with advisor. | | 4 | For 440 | Senior Project | 1 |
| **LCC General Science AS and NM Core Credits Total** | | **66** | Elective credits to be determined in consultation with advisor | | 3 |
| | | | **LCC Total AS Credits** | | **66** |
| | | | **Additional NMHU BS Requirements** | | **54** |
| | | | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **120** |
| | | | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |

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**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU BS Forestry/Wildland Fire Concentration/ 84-87credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements and minor requirement, if any, are waived. Upon completion of the requirements specified with this agreement, students will earn a **LCC AS degree in General Science** and a **NMHU BS degree in Forestry/Wildland Fire Concentration.** Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | **NMHU Wildland Fire Concentration BS** | | |
| | | | For 200 | Forestry Field Practice (Summer course only) | 4 |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Biol 303 | Plant Structure and Function | 4 |
| | Social/Behavioral Science Core Classes | 6 | For 305 | Natural Resources Economics | 3 |
| | | | For 340 | Quantitative Methods | 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | For 402 | Silviculture | 3 |
| | Humanities and Fine Arts Core Classes | 9 | For 405 | Wildland Fire Management | 3 |
| | | | For 411 | Mensuration & Biometrics | 4 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | For 412 | Surveying and GIS | 4 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | For 415 | Dendrology | 3 |
| SMET105 | Computer Use for Technology | 3 | For 416 | Soil Science | 4 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | For 420 | Wildlife Habitat Management | 3 |
| GEOL101 & 101L | Survey of Earth Science & Lab (NMHU Geol 101 & 101L) | 4 | For 425 | Field Safety Practices | 1 |
| BIO111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | For 426 | Professional Ethics | 1 |
| | | | For 428 | Forest Entomology | 3 |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | For 231 **OR** For 450 | Terrestrial Ecology **OR** Fire Ecology | 4 **OR** 3 |
| | | | For 451 | Project Fires & Post-Fires Rehabilitation | 3 |
| | | | For 452 | Prescribed Fire Practices | 4 |
| | | | For 454 | Landscape Ecology & Wildfires | 3 |
| MATH195 | Calculus I (NMHU Math 155 or Math 211) | 4/ (3,4) | For 461 | Atmospheric Science | 3 |
| | | | For 440 | Senior Project | 1 |
| Electives: 4 credits from General Science Approved Electives (consult with advisor). | | | **LCC Total AS Credits** | | **66** |
| | | | **Additional NMHU BS Requirements** | | **60** |
| **LCC General Science AS and NM Core Credits Total** | | **66** | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **126** |
| | | | *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | |

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**AS-BA**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU General Science for Secondary Teacher BA/ 57-59 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements are waived. Upon completion of the requirements specified with this agreement, students will earn a **LCC AS degree in General Science** and a **NMHU BA degree in General Science for Secondary Teacher with a minor in Secondary Education.** Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4/(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU GS for Secondary Teacher BA** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Phys 152 **OR** Phys 292 & 162L | Algebra SPhysics 2 **OR** Calculus Physics 2 | 4 **OR** 5 |
| | Social/Behavioral Science Core Classes | 6 | CS 144 | Intro to Computer Science | 3 |
| | | | Biol 420 | Teaching Science & Math in Middle & Secondary School | 3 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Biol 359 **OR** Chem 359 | Fundamentals of Lab Safety **OR** Fundamentals of Lab Safety | 1**OR** 1 |
| | Humanities and Fine Arts Core Classes | 9 | 300 or 400 | Science Electives (in consultation with advisor) | 16 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | GNED 201 | Introduction to Teaching | 3 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | SPED 214 | Introduction to Special Education | 3 |
| SMET105 | Computer Use for Technology | 3 | GNED 251 | Field Base I/Teacher Preparation Experience | 1 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | GNED 302 | Educational Psychology | 3 |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | RDED 427 | Reading in the Content Area | 3 |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/(5) | GNED 351 | Field Base II/Teacher Preparation Experience | 2 |
| PHYS115 & 115L **OR** PHYS161 & 161L | General Physics I & Lab (NMHU Phys 151 & 151L) **OR** Calculus Physics I & Lab (NMHU Phys 291& 291L) | 4 **OR** 4/(5) | GNED 410 | Art & Science of Teaching in Secondary Schools | 4 |
| GEOL101 & 101L | Survey of the Earth Science & Lab (NMHU For 105 & 105L) | 4 | GNED 444 | Computer Applications in Education | 3 |
| GEOL202 & 202L | Earth History & Lab (NMHU Geol 202 & 202L) | 4 | GNED 445 | Knowledge of the Profession | 3 |
| **LCC General Science AS and NM Core Credits Total** | | **66** | GNED 451 | Field Base III/Teacher Preparation Experience-Secondary | 6 |
| | | | GNED 455 | Classroom Management* | 3 |
| *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | | *Taken in conjunction with GNED 451 | | |
| | | | **LCC Total AS Credits** | | **66** |
| | | | **Additional NMHU BA Requirements** | | **61** |
| | | | **Overall LCC (AS) / NMHU (BA) Degree Requirements** | | **127** |

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**AS-BS**
**DUAL DEGREE GUARANTEED ADMISSION AGREEMENT**
**between**
**Luna Community College (LCC)**
**and**
**New Mexico Highlands University (NMHU)**

| LCC General Science AS/66 credits | | | NMHU General Science for Secondary Teacher BS/ 59 credits | | |
|---|---|---|---|---|---|
| **NM General Education Core - 36 Credits** | | | *LCC students who earn the AS degree and additional requirements as prescribed in this document will be admitted to NMHU as Juniors in the BA degree program. General education core or AS course equivalents (as noted in parentheses) may be taken at either institution. Furthermore, the additional NMHU core curriculum requirements are waived. Upon completion of the requirements specified with this agreement, students will earn a* ***LCC AS degree in General Science*** *and a* ***NMHU BS degree in General Science for Secondary Teacher with a minor in Secondary Education.*** *Any deviation from this prescribed agreement will require appropriate approval from LCC and/or NMHU.* | | |
| **Area I. Communications - 9 Credits** | | | | | |
| ENG111 | Freshman Composition (NMHU Engl 111) | 3 | | | |
| ENG115 | Freshman Composition II (NMHU Engl 112) | 3 | | | |
| SPCH111 | Public Speaking (NMHU Spch 124) | 3 | | | |
| | | | | | |
| **Area II. Mathematics - 3 Credits** | | | | | |
| MATH180 | College Algebra (NMHU Math 140) | 4(3) | | | |
| | | | | | |
| **Area III. Lab Science – 8 Credits** | | | | | |
| BIO110 & 110L | General Biology I & Lab (NMHU Biol 211 & 211L) | 4 | | | |
| CHEM111 & 111L | General Chemistry I & Lab (NMHU Chem 211 & 215L) | 4 (5) | | | |
| | | | **NMHU GS for Secondary Teacher BS** | | |
| **Area IV. Social/Behavioral Sciences - 6 credits** | | | Phys 151 **OR** Phys 291 | Algebra Physics 1 **OR** Calculus Physics 1 | 4 **OR** 5 |
| | | | Phys 152 **OR** Phys 292 | Algebra Physics 2 **OR** Calculus Physics 2 | 4 **OR** 5 |
| | Social/Behavioral Science Core Classes | 6 | CS 144 | Intro to Computer Science | 3 |
| | | | Geol 202 | Earth Histories | 4 |
| **Area V. Humanities and Fine Arts – 9 credits** | | | Biol 420 | Teaching Science & Math in Middle & Secondary School | 3 |
| | Humanities and Fine Arts Core Classes | 9 | Biol 359 **OR** Chem 359 | Fundamentals of Lab Safety **OR** Fundamentals of Lab Safety | 1 **OR** 1 |
| | | | 300 or 400 | Science Electives (in consultation with advisor) | 16 |
| **Additional LCC AAS Degree Requirements - 30 Credits** | | | GNED 201 | Introduction to Teaching | 3 |
| SMET101 | Introduction to Science, Math, & Engineering Technology | 3 | SPED 214 | Introduction to Special Education | 3 |
| SMET105 | Computer Use for Technology | 3 | GNED 251 | Field Base I/Teacher Preparation Experience | 1 |
| ENVS102 & 102L | Environmental Science and Lab (NMHU For 105 & 105L) | 4 | GNED 302 | Educational Psychology | 3 |
| BIOL111 & 111L | General Biology II & Lab (NMHU Biol 212 & 212L) | 4 | RDED 427 | Reading in the Content Area | 3 |
| CHEM112 & 112L | General Chemistry II & Lab (NMHU Chem 212 & 216L) | 4/ (5) | GNED 351 | Field Base II/Teacher Preparation Experience | 2 |
| GEOL101 & 101L | Survey of the Earth Science & Lab (NMHU For 105 & 105L) | 4 | GNED 410 | Art & Science of Teaching in Secondary Schools | 4 |
| MATH190 | Trigonometry (NMHU Math 160) | 4/(5) | GNED 444 | Computer Applications in Education | 3 |
| MATH195 | Calculus I (NMHU Math 211) | 4 | GNED 445 | Knowledge of the Profession | 3 |
| **LCC General Science AS and NM Core Credits Total** | | **66** | GNED 451 | Field Base III/Teacher Preparation Experience-Secondary | 6 |
| *The Bachelor's degree requires completion of 120 credits, of which 45 credits must be upper division.* | | | GNED 455 | Classroom Management* | 3 |
| | | | *Taken in conjunction with GNED 451 | | |
| | | | **LCC Total AS Credits** | | **66** |
| | | | **Additional NMHU BS Requirements** | | **68** |
| | | | **Overall LCC (AS) / NMHU (BS) Degree Requirements** | | **134** |

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**LUNA COMMUNITY COLLEGE**
**CONSORTIUM AGREEMENT**

Office of Student Financial Assistance ~ 366 Luna Drive ~ Las Vegas, NM 87701
Phone: 505-454-5324 ~ Fax: 505-454-2539

**Name:** _____ **LCC ID:** _____ **SSN:** _____

**Enrollment period** (*Select one*)**:** **Fall** _____ *Year* **Spring** _____ *Year* **Summer** _____ *Year*

**Name of Visiting Institution:** _____

**Number of credit hours:** LCC _____ Visiting Institution _____ (*cannot exceed LCC credit hours)*

**IT IS AGREED AS FOLLOWS:**

The above referenced student attends LCC as his/her home institution, as LCC will grant the student's degree or certificate. LCC will consider the approved course(s) taken at the Visiting Institution as part of the total semester credit hours of the student to determine the student's enrollment status for the semester indicated above. Because the student named above attends LCC as his/her home institution, LCC will be responsible to the U.S. Department of Education for calculating awards, disbursing aid and monitoring student eligibility of Title IV Funds expended pursuant to this agreement. In addition, LCC will maintain all records as required by the U.S. Department of Education and LCC will follow its operating procedures outlined in its Policies & Procedures Manual.

In order to enable LCC to fulfill the Satisfactory Academic Progress requirements of the U.S. Department of Education and LCC, the **STUDENT** will be responsible for forwarding final grades to LCC.

**TO BE COMPLETED BY VISITING INSTUTION**

TUITION $_____

FEES $_____

BOOKS/SUPPLIES $_____

_____ _____
Authorized Financial Aid Representative Signature Title

_____ _____
Authorized Financial Aid Officer Printed Name Date

_____ _____
Email Address Contact Telephone Number

**COURSE APPROVAL**

**This guide was a result of work conducted though funds provided by the United States Department of Education Grant, HSI-STEM Program (#PO31C110033).**

I have reviewed the course(s) that are part of this agreement. LCC will give credit for the courses taken at the Visiting Institution on the same basis as if LCC provided the course work. In addition, I understand that credits earned through contracted course work must be treated exactly as those credits earned at LCC. The following course(s) taken at the Visiting Institution will be accepted for transfer:

| **COURSE TITLE** | **CREDIT HOURS** |
|---|---|
| | |
| | |
| | |

*Johnathan E. Ortiz, Registrar* *Date*
*Luna Community College*

- **Consortium Agreement deadline is the 2nd Friday of the term by 5:00 pm.**

- **In order to qualify for a Consortium Agreement, you must**:
  - ✓ Have a completed financial aid file at LCC
  - ✓ Be a degree seeking student at LCC
  - ✓ All credit hours at each institution must apply to the student's LCC program of study
  - ✓ The number of credit hours cannot at the Visiting Institution cannot exceed the number of credit hours at LCC
  - ✓ You must be meeting satisfactory academic progress
  - ✓ Be enrolled at a minimum of at least 6 credit hours at LCC for the Fall and Spring semesters, and a minimum of 3 credit hours for the Summer Semester
  - ✓ Complete withdrawals from LCC will void the Consortium Agreement

- **You MUST pay or make any necessary payment arrangements with the Visiting Institution.** ***LCC will NOT be responsible if your classes are dropped and/or cancelled***

- **Failure to complete courses at Visiting Institution will make you ineligible for future consortium agreements**

- **Receiving financial aid from two institutions for the same semester is illegal**

- **You will be responsible for submitting a copy of your academic transcript (with consortium courses listed) to the OSFA, and an official transcript must be sent to LCC Registrar's Office**

*I have read, understand, and agree to participate in the Consortium Agreement according to Luna Community College guidelines.*

Student Signature Date

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NEW MEXICO HIGHLANDS UNIVERSITY

Office of Financial Assistance & Scholarship
Box 9000 • Las Vegas, NM 87701
Office: 505-454-3318 or 1-800-379-4038 • Fax: 505-454-3398
Email: financialaid@nmhu.edu

# Consortium Agreement

## Terms & Conditions

This agreement allows degree seeking students to receive Federal Student Aid at NMHU for combined enrollment at two institutions. NMHU will calculate and disburse student's Federal Student Aid awards. All credit hours at each institution must apply to the student's NMHU program of study/degree plan.

- Students must be enrolled in at least 6 credit hours at NMHU for fall/spring terms or 3 credit hours for the summer term.
- Students must meet all Federal Student Aid eligibility requirements at NMHU including Satisfactory Academic Progress.
- Student must submit 2nd copy of schedule from Visiting Institution dated the 3rd week of the term to verify enrollment.
- Repeated courses must meet aid eligibility requirements to apply for the Consortium Agreement.
- The number of credit hours at the Visiting Institution cannot exceed the number of credit hours at NMHU.
- Students must meet financial requirements of the Visiting Institution, including payment deadlines.
- Complete withdrawal from both NMHU and the Visiting Institution will result in a Return of Title IV funds calculation.
- Complete withdrawal from NMHU will void the Consortium Agreement.
- Deadline for completed, signed Consortium Agreements with a copy of the Visiting Institution class schedule and billing statement is 5:00 pm on the 3rd Friday of the term (Census).

*I understand the Terms and Conditions and agree to participate in the Consortium Agreement according to NMHU guidelines.*

_____
Student Signature Date

## Student Section

NMHU ID: _____ Visiting Institution ID: _____ Telephone number: _____

Name: _____
Last First Middle Initial

Address: _____
Address City State ZIP

Enrollment period (select one): ☐ Fall 201___ ☐ Spring 201___ ☐ Summer 201___

Name of Visiting Institution: _____

Number of credit hours: NMHU_____ Visiting Institution_____ (Cannot exceed NMHU credit hours)

☐ Check this box if you are receiving the N.M. Legislative Lottery Scholarship at NMHU.



Revised 6-25-13

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## Visiting Institution Section – Financial Aid Office

Please complete this section confirming the student's enrollment in the number of credit hours listed above and the amount of tuition/fees billed at your institution.

Number of credit hours: _____ Tuition: _____ Fees: _____

_____

Authorized Financial Aid Representative Signature Title

_____

Authorized Financial Aid Representative Printed Name Date

_____

Email Telephone number

NMHU will calculate and disburse this student's Federal Student Aid. Please cancel any Federal Student Aid funds at your institution.

## Course Transfer Disclosure

A Representative from NMHU Registrar's must approve classes from the Visiting Institution to confirm those classes will transfer to use on student's program of study at NMHU.

| **Course Name** | **Credit Hours** |
|---|---|
| | |
| | |
| | |
| | |

_____

NMHU Registrar's Office Representative Date



Revised 6-25-13

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