

**Communities, Resilience, and Ecosystems: Exploring ecology for a better world
(beginning cap 15/ maximum cap 20)**

FOR 105, Humans and Ecosystems (and lab) with Craig Conley: MWF 11-11:50, lab T 10-11:50

ENGL 111/106, Freshman Composition with Stephen Weatherburn: 111, MWF 10-10:50; 106, MWF 9-9:50

Freshman Forum with Craig Conley: T 12-12:50

In “Communities, Resilience, and Ecosystems,” we study the relationship between human well-being and evolving local and global ecosystems. As scientists, we explore the confluence of a number of issues that impact the sustainability of current practices and our ability to successfully adapt to these changes. As writers, we analyze and evaluate effective methods of communication in order to facilitate more informed responses and arguments to issues such as water supply, food production, climate change, and the role that scientific knowledge plays in this process.

This learning community, taught by Professors Craig Conley and Stephen Weatherburn, is a great match for you if you are interested in environmental issues or forestry. This is the fifth year NMHU has offered the Communities, Resilience, and Ecosystems Learning Community. This community typically attends the Quivira Conference, where students gain a better understanding of current ecological issues while networking with leading NM environmentalists.

For more information, contact this LC professor team:

Dr. Craig Conley, Associate Professor of Forestry, 505-426-2267, cfconley@nmhu.edu

Mr. Stephen Weatherburn, Assistant Director of Composition, 505-454-3313, sjweatherburn@nmhu.edu

**Origin of Species: Exploring the biological and societal evolution of the West
(beginning cap 15/ maximum cap 25)**

BIO 110 Biological Perspectives (and lab) with Carol Linder: MW 11-12:15, lab F 11-12:50

HIST 100 Western World with Peter Linder: TR 11-12:15

Freshman Forum with Carol Linder: W 1-1:50

In “Origin of Species,” we will explore the origins and evolution of contemporary biological and societal paradigms of knowledge, investigating how scientific ideas have changed from the first western civilizations to the present. As scientists, we explore population growth, disease, speciation, and genetics. As historians, we study the changing social organization and cultures of the western world and the role that scientific knowledge has played in this process.

This Learning Community, taught by Drs. Carol and Peter Linder, is a great match for you if you are interested in science or history. Off-campus learning may include field trips to LabCorp Integrated Genetics and museum exhibitions in Santa Fe. *Students majoring in a science who qualify to take Math 140 in the first semester should consult with their advisor to select a learning community that sets them on a different track.*

For more information, contact this LC professor team:

Dr. Carol Linder, Professor of Biology, 505-454-3267, clinder@nmhu.edu

Dr. Peter Linder, Professor of History, 505-454-3423, linderpeter@nmhu.edu

**The Spice of Life: Exploring diversity at the individual and sociocultural levels
(beginning cap 15/ maximum cap 25)**

PSY 101, Psychology and Society with John Baldy: MW 11-11:50, discussion section F 11-11:50

ANTH 102, Intro to Sociocultural Anthropology with Orit Tamir: TR 11-12:15

Freshman Forum with Casey Applegate-Aguilar: W 1-1:50

In “The Spice of Life,” we learn to appreciate the power of human diversity. As psychologists, we study individual differences in such areas as learning, personality, gender, motivation, and intelligence while also discussing topics such as disorders and therapy. As anthropologists, we investigate differences within and among societies through the exploration of areas such as culture, race, class, and nationality.

This learning community, taught by Professors Orit Tamir, John Baldy, and Casey Applegate-Aguilar, is a great match for you if you are interested in multicultural issues, anthropology, or psychology. This community plans to attend the Laguna Feast Day held September 19th.

For more information, contact this LC professor team:

Dr. Orit Tamir, Professor of Anthropology, 505-454-3147, otamir@nmhu.edu

Mr. John Baldy, Visiting Professor of Psychology, 505-454-3504, johnbaldy@nmhu.edu

Ms. Casey Applegate-Aguilar, Coordinator of Academic Enrichment Programs, 505-454-3071, caseyaguilar@nmhu.edu

**Show me the MONEY!: Managing your finances to succeed in the business world
(beginning cap 15/ maximum cap 25)**

BUS 181, Introduction to Business with Melanie Zollner: TR 9:30-10:45, SH 130A

FIN 240, Personal Finance with Kent Tucker: TR 12:30-1:45, SH 130A

Freshman Forum with Melanie Zollner: T 8:00-8:50, SH 130A

In “Show me the MONEY!,” we explore the relationship between business and finance. We learn about the various business formats, including entrepreneurship; the microenvironment and macroenvironment in relation to business; and fundamental business concepts in the areas of accounting, management, human resources, information systems, finance, marketing, and economics. Together, we learn to see the big picture of business.

This learning community, taught by Professors Kent Tucker and Melanie Zollner, is a great match for you if you are interested in business, finance, or accounting. This learning community plans to participate in a field trip to see small businesses first-hand and may attend Entrepreneurship Network events.

For more information, contact this LC professor team:

Dr. Kent Tucker, at 505 454 3275, ktucker@nmhu.edu

Ms. Melanie Zollner, at 505 426 2193, melzollner@nmhu.edu

**Capturing Comets: Highlighting connections between astronomy and art
(beginning cap 15/ maximum cap 25)**

ART 100, Introduction to Art with Todd Christensen: TR 12:30-1:45

PHYS 110, Survey of Astronomy (and lab) with Joseph McCaffrey: TR 3:30-4:45; Lab 1(cap 12) R 7:30-9:20; Lab 2 (cap 12) F 7:30-9:20

Freshman Forum with Joseph McCaffrey: R 5-5:50

In “Capturing Comets,” we will explore the historical and ongoing connection between art and astronomy. As students of art, we learn about artistic elements and a variety of artists and subjects, including artists whose subject was the night sky. As students of astronomy, we learn the concepts of modern-day astronomy while taking notice of the long-standing connection between the artist and celestial objects.

This learning community, taught by Professors Joseph McCaffrey and Todd Christensen, is a great match for you if you are interested in fine arts, media arts, astronomy, or physics. Off-campus learning may include a field trip to Star Axis.

For more information, contact this LC professor team:

Dr. Joseph McCaffrey, Instructor of Physics, 505-454-3165, jmccaffrey@nmhu.edu

Mr. Todd Christensen, Associate Professor of Visual and Performing Arts, 505-454-3485, tchristensen@nmhu.edu

**Teachers for Tomorrow: Education as transformation
(beginning cap 15/ maximum cap 20)**

GNED 201, Introduction to Teaching with GNED 251, Field-based I with Michael Immerman: MW 11-12:15, SH 119

ENGL 111/106, Freshman Composition with Juan Gallegos: 111, TR 11-12:15; 106, TR 12:30-1:45

Freshman Forum with Casey Applegate-Aguilar: F 11-11:50

In “Teachers for Tomorrow,” we will investigate the rewarding world of teaching by combining field-based observations of real classrooms, discussions of relevant issues in teaching, and the analysis of teacher and student narratives. Students enrolled in this learning community will use writing to reflect on their histories as students, while engaging with the historical, philosophical, and sociological foundations of education to negotiate their emerging identities as future teachers.

This learning community, taught by Drs. Michael Immerman and Juan Gallegos, is a great match for you if you are interested in teaching. This learning community incorporates visits to classrooms at a variety of educational levels.

For more information, contact this LC professor team:

Dr. Juan M. Gallegos, Assistant Professor of English, 505-454-3451, jmgallegos@nmhu.edu

Dr. Michael Immerman, Associate Professor of General Education, 505-454-3548, immerman@nmhu.edu

**Secrets Exposed: Economics and how the world turns
(beginning cap 15/ maximum cap 25)**

ECON 217H, Honors Principles of Microeconomics with William Taylor: TR 11:00-12:15
MATH 140H, Honors College Algebra with Carlos Martinez: MWF 9-9:50
Freshman Forum with Carlos Martinez: T 10-10:50

In “Secrets Exposed” we explore the everyday lives of ordinary and extraordinary people and consider how the decisions they make affect their lives and the lives of others as they study, work, play, and manage natural resources, businesses, healthcare facilities, research labs, and other organizations. We will investigate how economics impact the health of people and the world through such questions as why the price of vaccines and other medications can be so high and why market failures lead to environmental problems like pollution and deforestation. This learning community integrates these real-life stories with economic analytical tools, building and using relatively simple algebraic and geometric models.

This learning community, taught by Professors William Taylor and Carlos Martinez, is a great match for you if you are interested in mathematics, business and economics, natural resources management, healthcare, biology, chemistry, political science, law, or sociology. Students majoring in biology or chemistry who plan to take BIO 211 and/or CHEM 211 in the first semester should choose this learning community. This learning community plans to participate in a field trip to the state capitol, where we will meet with legislators and the staff of the Legislative Finance Committee.

For more information, contact this LC professor team:

Dr. William Taylor, Professor of Economics, 505-454- 3224, btaylor@nmhu.edu

Mr. Carlos Martinez, Instructor of Mathematics, 505-454-3203, ctmartinez@nmhu.edu

**Run for your Life: Balancing nutrition with physical performance
(beginning health cap 30/ maximum health cap 40; sub caps: beginning 15 / maximum 20)**

PE 100, Fit for Life with Joe Schmalfeldt (afternoon) or William Hayward (morning): MW 2-2:50 or MW 9-9:50
HLTH 213, Nutrition for Exercise and Sport with Kathy Jenkins: MW 11-12:15
Freshman Forum with Nichole Martinez: T 11-11:50 or R 11-11:50

In “Health Living,” we will explore the link between nutritional patterns and physical activity in improving health and physical performance. Not eating well can affect physical performance as much as a poor workout.

This Learning Community, taught by Professors Kathy Jenkins, Joe Schmalfeldt, Bill Hayward, and Nichole Martinez, is a great match for you if you are interested in Exercise Science, Physical Education, Recreation and Sport Management, Coaching, Health Education, Health Promotion and Wellness, or Pre-Professional Allied Health. Field trips may include hiking Hermit’s Peak and other outdoor recreational activities.

For more information, contact this LC professor team:

Dr. Joe Schmalfeldt, Associate Professor of Physical Education, 505-454-3032, jschmal@nmhu.edu

Dr. William Hayward, Assistant Professor of HPS, 505-426-2024, bhayward@nmhu.edu

Dr. Kathy Jenkins, Full Professor of Exercise Science, 505-454-3479, kjenkins@nmhu.edu

Ms. Nichole Martinez, Exercise and Sport Science Department Secretary, 505-454-3287, namartinez@nmhu.edu

**Get with the Rhythm: The harmony of music and poetry
(beginning cap 15 / maximum cap 20)**

MUS 101, Rudiments of music with Andre Garcia-Nuthmann: TR 11-12:15

ENGL 135, Introduction to Poetry with Stephen Weatherburn: MW 12:30-1:45

Freshman Forum with Stephen Weatherburn: F 11-11:50

In “Get with the Rhythm,” we explore the connections between music and poetry in terms of rhythm, voice, sound, and words. As students of music, we examine the fundamentals of music theory and form: rhythm, melody, and harmony. As students of literature, we develop our close reading and analytical strategies, focusing on the musical aspects of verse: rhyme, alliteration, and rhythmical patterns. As Learning Community students, we explore how the lyric creates emotion in a harmonious relationship between words and melody.

This learning community, taught by Professors Andre Garcia-Nuthmann and Stephen Weatherburn, is a great match for you if you are interested in music, the English language, literature, or poetry. Off-campus fieldtrips to musical and/or spoken word performances are integral elements of this Learning Community experience.

For more information, contact this LC professor team:

Dr. Andre Garcia-Nuthmann, Professor of Visual and Performing Arts, 505-454-3573, agarcianuthman@nmhu.edu

Mr. Stephen Weatherburn, Assistant Director of Composition, 505-454-3313, sjweatherburn@nmhu.edu

**Artificial Worlds: Bridging computer science and literature
(beginning cap 15/ maximum cap 20)**

CS 135 (and lab), ST: Modeling and Simulation of Artificial Worlds Utilizing NetLogo with Gil Gallegos,
MWF 10-10:50, lab R 11-12:50

ENGL 135, ST: Literature and Technology: Artificial Worlds with Peter Buchanan,
MWF 9-9:50

Freshman Forum with Gil Gallegos, T 11-11:50

In “Artificial Worlds,” we explore how constructed realities like artificial intelligence, immersive online environments, and cybernetic enhancement blur the boundaries between man and machine, human and nonhuman, reintegrating the artificial with its original sense, the artful. As students of literature, we examine how works of (science) fiction challenge our preconceptions about what it means to be human in artificial worlds. As computer scientists, we construct models of complex systems (artificial worlds) using programming languages and mathematics to describe the system. These models allow us to predict or watch the emergent behavior of the artificial world, and we can either speed up or slow down the simulation within the programming environment, allowing us as to play with many parameters and create very novel artificial worlds.

This learning community, taught by Drs. Gil Gallegos and Peter Buchanan, is a great match for you if you are interested in computers, robotics, engineering, mathematics, literature, gaming, computer science, or science fiction. Off-campus learning may include visits to the Santa Fe Institute and the Sandia National Labs (Robotics Vehicular Range).

For more information, contact this LC professor team:

Dr. Gil Gallegos, Associate Professor of Computer Science/Engineering, 505-454-3302, grgallegos@nmhu.edu

Dr. Peter Buchanan, Assistant Professor of English, 505-454-3191, pbuchanan@nmhu.edu

**Identity and Community: Reading, understanding, and developing cultural awareness
(beginning cap 15 / maximum cap 20)**

NAHS 124, Introduction to Native American/Hispano Cultural Studies with Eric Romero: TR 2-3:15

ENGL 135, ST: Literature and Culture: Borderspaces with Juan Gallegos: MW 2-3:15

Freshman Forum with Eric Romero: F 2-2:50

In “Identity and Community,” we investigate the question “Who am I?” As we read voices of authors from different backgrounds, you will explore your own voice. As we investigate individuals and groups over time and across continents, you will discover answers to your questions about personal and cultural identity.

This learning community, taught by Drs. Eric Romero and Juan Gallegos, is a great match for you if you are interested in identity and cultural issues, literature, and developing voice. Off-campus learning may include visits to the National Hispanic Cultural Center and the Indian Pueblo Cultural Center and/or a trip to Chaco Culture National Historical Park. Students may also participate in Native ceremonies.

For more information, contact this LC professor team:

Dr. Juan M. Gallegos, Assistant Professor of English, 505-454-3451, jmgallegos@nmhu.edu

Dr. Eric Romero, Assistant Professor of Languages and Culture, 505-454-3009, ericromero@nmhu.edu

Other possible learning communities / LCs on hold

**Everyday Chemistry: Exploring the chemical world in the lab and in movies
(beginning cap 15 / maximum cap 20)**

CHEM 100, Chemistry for the Non-scientist (and lab) with ????: MWF 11-11:50; lab R 8-10

MART 261, History of Motion Pictures with Kerry Loewen?: TR 11-12:15 or MWF

Freshman Forum with ????: T 9-9:50

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LANG 109, American Sign Language I with Carol Litherland: MTWR 11-11:50

????: TR 9:30-10:45

Freshman Forum: F 11-11:50

Criminal Justice in the 21st Century: Exploring options for a better society

SOC 152, Introduction to Sociology with Thomas Ward

SOC 231, Criminal Justice Systems with Gloria Gadsden

Freshman Forum with Casey Applegate-Aguilar

In “Criminal Justice in the 21st Century,” we learn to think critically about how governments uphold social control. As we study criminal justice, we investigate crime and criminal behavior, law, law enforcement, courts, corrections, and forensics. As we study sociology, we explore the theoretical and practical insights for understanding society and the systems created within it.

This learning community, taught by Dr. Gloria Gadsden and Dr. Thomas Ward, is a great match for you if you are interested in criminal justice or sociology. Off-campus learning may include field trips to local correctional or law enforcement facilities.

For more information, contact this LC professor team:

Dr. Gloria Gadsden, Criminal Justice, 505-454-3209, gygadsden@nmhu.edu

Dr. Tom Ward, Professor of Sociology, 505-454-3196, tward@nmhu.edu

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