Academic Programs

Associate Degree Programs

NMSU awards both designated and undesignated associate degrees following completion of at least 60 semester credits (excluding "N" suffix courses). Please see the NMSU System Academic Regulations & Policies section of the catalog for specific information about Associate Degree Program graduation requirements. (Service personnel enrolled under the two-year Servicemembers Opportunity College Program may be exempt from this requirement.)

The designation Meritorious Graduate is awarded to the top 15 percent of the students receiving associate degrees within each college in any one academic year; the students must have completed 45 or more credits with computable grades at NMSU.

Las Cruces Campus

Detailed information on admission requirements, curricula, and associate degree or certificate requirements will be found in the section of this catalog devoted to the administering department/college.

- Associate of Arts
  Administered by the Community Colleges
- Associate of Fine Arts
  Administered by the Community Colleges
- Associate of Science
  Administered by the Community Colleges
- Associate of Science in Engineering Technology
  Administered by the College of Engineering

Designated Associate Degrees

The following designated associate degrees are granted to students completing the specified requirements of the degree.

- Associate in Art and Graphic Design
  Administered by the Community Colleges
- Associate in Criminal Justice
  Administered by the Community Colleges
- Associate in Education
  Administered by the Community Colleges
- Associate in Pre-business
  Administered by the College of Business
- Associate of Arts in Heritage Interpretation
  Administered by the Community Colleges

Community Colleges

Many of the associate degrees offered on Las Cruces campus, as well as other programs, are available at NMSU's four community college campuses. For more information on community college campus offerings, refer to the "Community Colleges" chapter in this catalog and to their respective catalogs or admissions offices.

Please see the Community College Catalogs for more information about the Associate Degree Programs.

- Alamogordo Catalog
- Dona Ana Catalog

Undergraduate Programs

For a full listing of all Undergraduate Programs offered at New Mexico State University, please see the Undergraduate Admissions webpage http://admissions.nmsu.edu/academics/.

Graduate Degree Programs

For a full listing of the Graduate Programs offered at New Mexico State University, please see the Graduate Admissions webpage http://gradadmissions.nmsu.edu/graduate-programs/.

Academic Minors

Students seeking a degree may elect to complete one or more minors from those available, and the minor will be designated on their transcripts. Minors cannot be earned after the degree has been conferred. The minor may be in a single department or may be interdepartmental. Specific requirements for these minors are available in printed form in departmental and deans’ offices. Specific the College sections for a complete list of the minors offered in that college.

Programs offered at New Mexico State University

Program are titled in the following styles:

- Agricultural Biology (Applied Biology) - Bachelor of Science in Agriculture
  - Major Title (Agricultural Biology), will appear on diplomas and transcripts
  - Concentration Title (Applied Biology), will appear on diplomas and transcripts
  - Degree Title (Bachelor of Science in Agriculture), will appear on diplomas and transcripts

- Animation and Visual Effects - Bachelor of Creative Media*
  - Major Title (Animation and Visual Effects), will appear on diplomas and transcripts
  - Degree Title (Bachelor of Creative Media), will appear on diplomas and transcripts

*Note: that some degrees will have emphasis, options, pathways, etc. appear on the degree page, but these items will not appear on transcripts.

- Brewery Engineering - Undergraduate Minor
  - Minor Title (Brewery Engineering), will appear on transcripts
  - Minor Level (Undergraduate Minor), corresponds with the level for the coursework required and what level a student must be in to declare the minor

A

- Accounting - Bachelor of Accountancy
- Accounting - Master of Accountancy
- Accounting - Undergraduate Minor
- Advertising - Undergraduate Minor
- Aerospace Engineering - Bachelor of Science in Aerospace Engineering
- Aerospace Engineering - Doctor of Philosophy
- Aerospace Engineering - Master of Engineering
• Aerospace Engineering - Master of Science in Aerospace Engineering
• Aerospace Engineering - Undergraduate Minor
• Aerospace Studies - Undergraduate Minor
• Agricultural and Community Development - Bachelor of Science in Agriculture
• Agricultural and Extension Education (Advanced Technology Education) - Bachelor of Science in Agriculture
• Agricultural and Extension Education (Agricultural Communications) - Bachelor of Science in Agriculture
• Agricultural and Extension Education (Agricultural Education Teaching) - Bachelor of Science in Agriculture
• Agricultural and Extension Education - Graduate Minor
• Agricultural and Extension Education - Master of Arts
• Agricultural and Extension Education - Undergraduate Minor
• Agricultural and Natural Resource Leadership - Undergraduate Minor
• Agricultural Biology (Applied Biology) - Bachelor of Science in Agriculture
• Agricultural Biology (Applied Microbiology) - Bachelor of Science in Agriculture
• Agricultural Biology (Entomology) - Bachelor of Science in Agriculture
• Agricultural Biology (Environmental Biology) - Bachelor of Science in Agriculture
• Agricultural Biology (Pest Biology and Management) - Bachelor of Science in Agriculture
• Agricultural Biology - Master of Science
• Agricultural Business Management - Undergraduate Minor
• Agricultural Economics - Master of Science
• Agricultural Economics and Agricultural Business - Bachelor of Science in Agriculture
• Agricultural Engineering - Undergraduate Minor
• Agriculture (Agribusiness) - Master of Agriculture
• Agriculture (Agribusiness) - Master of Business Administration
• Agriculture (Domestic Animal Biology) - Master of Agriculture
• Agronomy - Bachelor of Science in Agriculture
• Agronomy - Undergraduate Minor
• Algorithm Theory - Undergraduate Minor
• American Government and Politics - Undergraduate Minor
• Animal Science (Animal Industry) - Bachelor of Science in Agriculture
• Animal Science (Science) - Bachelor of Science in Agriculture
• Animal Science - Doctor of Philosophy
• Animal Science - Graduate Minor
• Animal Science - Master of Science
• Animation and Visual Effects - Bachelor of Creative Media
• Animation and Visual Effects - Undergraduate Minor
• Anthropology - Bachelor of Arts
• Anthropology - Graduate Minor
• Anthropology - Master of Arts
• Anthropology - Undergraduate Minor
• Applied Mathematics - Supplemental Major
• Applied Statistics - Graduate Minor
• Applied Statistics - Graduate Minor
• Applied Statistics - Master of Science
• Applied Studies - Bachelor of Applied Studies
• Archaeology - Graduate Minor
• Archaeology - Undergraduate Minor
• Art (Art History) - Bachelor of Arts
• Art (Studio Art) - Bachelor of Arts
• Art - Bachelor of Fine Arts
• Art - Master of Arts
• Art - Master of Fine Arts
• Art - Undergraduate Minor
• Art History - Undergraduate Minor
• Astronomy - Doctor of Philosophy
• Astronomy - Master of Science
• Astronomy - Undergraduate Minor
• Athletic Training - Bachelor of Science in Athletic Training
• Autism & Spectrum Disorders - Graduate Certificate

B
• Biochemistry - Bachelor of Science
• Biochemistry - Undergraduate Minor
• Bioinformatics (with Computer Science) - Graduate Minor
• Bioinformatics - Master of Science
• Bioinformatics - Undergraduate Minor
• Biology - Bachelor of Arts
• Biology - Bachelor of Science
• Biology - Doctor of Philosophy
• Biology - Master of Science
• Biology - Undergraduate Minor
• Biomedical Engineering - Undergraduate Minor
• Borderlands and Ethnic Studies - Graduate Certificate
• Brewery Engineering - Undergraduate Minor
• Business Administration (Agribusiness) - Master of Business Administration
• Business Administration (Finance) - Master of Business Administration
• Business Administration (Information Systems) - Master of Business Administration
• Business Administration (Management) - Doctor in Philosophy
• Business Administration (Marketing) - Doctor of Philosophy
• Business Administration (Public Utility Regulations) - Master of Business Administration
• Business Administration - Master of Business Administration
• Business Administration - Undergraduate Minor
• Business Law - Undergraduate Minor

C
• Chemical Engineering - Bachelor of Science in Chemical Engineering
• Chemical Engineering - Master of Science in Chemical Engineering
• Chemical Process Industry - Master of Engineering
• Chemistry - Bachelor of Arts
• Chemistry - Bachelor of Science
• Chemistry - Doctor of Philosophy
• Chemistry - Master of Science
• Chemistry - Undergraduate Minor
• Chicano Studies - Supplementary Major
• Child Advocacy Studies (CAST) - Undergraduate Minor
• Educational Leadership & Administration (Pk-12 Administration) - Bachelor of Science in Education
• Engineering Physics (Chemical) - Master of Arts
• Educational Leadership & Administration - Bachelor of Science in Education
• Electric Energy Systems - Bachelor of Science in Electrical Engineering
• Electrical Engineering (Communications and Signal Processing) - Bachelor of Science in Electrical Engineering
• Electrical Engineering (Computers and Microelectronics) - Bachelor of Science in Electrical Engineering
• Electrical Engineering (Control & Power) - Bachelor of Science in Electrical Engineering
• Electrical Engineering (Electromagnetics and Photonics) - Bachelor of Science in Electrical Engineering
• Electrical Engineering (Space Systems) - Bachelor of Science in Electrical Engineering
• Electrical Engineering - Bachelor of Science in Electrical Engineering
• Electrical Engineering - Master of Engineering
• Electrical Engineering - Master of Science in Electrical Engineering
• Elementary Education (Language Arts K-8) - Bachelor of Science in Education
• Elementary Education (Math K-8) - Bachelor of Science in Education
• Elementary Education (Science K-8) - Bachelor of Science in Education
• Elementary Education (Social Studies K-8) - Bachelor of Science in Education
• Elementary Education Alternative Licensure - Graduate Certificate
• Engineering (Chemical Engineering) - Doctor of Philosophy
• Engineering (Civil Engineering) - Doctor of Philosophy
• Engineering (Electrical Engineering) - Doctor of Philosophy
• Engineering (Industrial Engineering) - Doctor of Philosophy
• Engineering (Mechanical Engineering) - Doctor of Philosophy
• Engineering Physics (Aerospace) - Bachelor of Science in Engineering Physics
• Engineering Physics (Chemical) - Bachelor of Science in Engineering Physics
• Engineering Physics (Electrical) - Bachelor of Science in Engineering Physics
• Engineering Physics (Mechanical) - Bachelor of Science in Engineering Physics
• Engineering Physics - Bachelor of Science in Engineering Physics
• Engineering Technology - Civil (Construction Technology) - Bachelor of Science in Engineering Technology
• Engineering Technology - Civil (Geomatics) - Bachelor of Science in Engineering Technology
• Engineering Technology - Civil (Renewable Energy Technologies) - Bachelor of Science in Engineering Technology
• Engineering Technology - Civil (Transportation Technology) - Bachelor of Science in Engineering Technology
• Engineering Technology - Civil (Water/Wastewater Technology) - Bachelor of Science in Engineering Technology
• Engineering Technology - Civil - Bachelor of Science in Engineering Technology
• Engineering Technology - Electronics and Computer (Digital Forensics) - Bachelor of Science in Engineering Technology
• Engineering Technology - Electronics and Computer (Information Security Technology) - Bachelor of Science in Engineering Technology
• Engineering Technology - Electronics and Computer - Bachelor of Science in Engineering Technology
• Engineering Technology - Information (Information Security Technology) - Bachelor of Science in Engineering Technology
• Engineering Technology - Information - Bachelor of Science in Engineering Technology
• Engineering Technology - Mechanical (Renewable Energy Technologies) - Bachelor of Science in Engineering Technology
• Engineering Technology - Mechanical - Bachelor of Science in Engineering Technology
• Enterprise Systems - Bachelor of Science in Engineering Technology
• Enterprise Systems - Bachelor of Science in Engineering Technology
• Enterprise Systems - Undergraduate Minor
• Enterprise Systems - Undergraduate Minor
• Entrepreneurship and Innovation (Business Cluster) - Undergraduate Minor
• Entrepreneurship - Undergraduate Minor
• Entrepreneurship - Undergraduate Minor
• Environmental Engineering - Bachelor of Science in Environmental Engineering
• Environmental Engineering - Master of Science in Environmental Engineering
• Environmental Engineering - Undergraduate Minor
• Environmental Science - Bachelor of Science in Environmental Science
• Environmental Science - Undergraduate Minor
• Ethics - Undergraduate Minor
• Ethics - Undergraduate Minor
• Experimental Psychology - Bachelor of Arts
• Experimental Psychology - Master of Arts
• Experimental Psychology - Doctor of Philosophy
• Family and Child Science - Bachelor of Science in Family and Consumer Sciences
• Family and Child Science - Undergraduate Minor
• Family and Consumer Sciences - Master of Science
• Family and Consumer Sciences Education - Bachelor of Science in Family and Consumer Sciences
• Family Nurse Practitioner - Graduate Certificate
• Fashion Merchandising and Design - Bachelor of Science in Family and Consumer Sciences
• Finance (Banking and Financial Planning) - Bachelor of Business Administration
• Finance (Entrepreneurial Finance) - Bachelor of Business Administration
• Finance (Financial Analyst) - Bachelor of Business Administration
• Finance (Risk Management and Insurance) - Bachelor of Business Administration
• Finance - Bachelor of Business Administration
• Finance - Graduate Certificate
• Finance - Undergraduate Minor
• Fish, Wildlife and Conservation Ecology - Graduate Minor
• Fish, Wildlife and Conservation Ecology - Master of Science in Fish, Wildlife and Conservation Ecology
• Fisheries and Wildlife Science (Aquatic Ecology and Management) - Bachelor of Science in Fish, Wildlife and Conservation Ecology
• Fisheries and Wildlife Science (Wildlife Ecology and Management) - Bachelor of Science in Fish, Wildlife and Conservation Ecology
• Food Science - Undergraduate Minor
• Food Science and Technology (Culinary Science) - Bachelor of Science in Food Science and Technology
• Food Science and Technology (Meat Science) - Bachelor of Science in Food Science and Technology
• Food Science and Technology (Science, Technology and Engineering) - Bachelor of Science in Food Science and Technology
• Food Studies - Graduate Minor
• Foreign Languages (French) - Bachelor of Arts
• Foreign Languages (German) - Bachelor of Arts
• Foreign Languages (Spanish) - Bachelor of Arts
• Forensic Science - Undergraduate Minor
• French - Undergraduate Minor

• Gender and Sexuality Studies - Bachelor of Arts
• Gender and Sexuality Studies - Graduate Minor
• Gender and Sexuality Studies - Undergraduate Minor
• General Agriculture - Bachelor of Science in Agriculture
• General Business (Entrepreneurship) - Bachelor of Business Administration
• General Business - Bachelor of Business Administration
• Genetics and Biotechnology - Bachelor of Science in Genetics
• Genetics and Biotechnology - Bachelor of Science in Genetics
• Genetics and Biotechnology - Undergraduate Minor
• Genetics and Biotechnology - Undergraduate Minor
• Geographic Information Systems - Graduate Minor
• Geographic Information Systems - Undergraduate Minor
• Geographic Information Systems- Graduate Minor
• Geography (Geographic Information Science & Tech) - Bachelor of Science
• Geography (Human/Environment Relationships) - Bachelor of Science
• Geography - Doctor of Philosophy
• Geography - Master of Applied Geography
• Geography - Undergraduate Minor
• Geology (Earth and Environmental Sciences) - Bachelor of Science
• Geology (Earth Science Education) - Bachelor of Science
• Geology (Geological Sciences) - Bachelor of Science
• Geology - Master of Science
• Geology - Undergraduate Minor
• Geomatics - Bachelor of Science in Geomatics
• Geomatics - Undergraduate Minor
• German - Undergraduate Minor
• Gerontology - Graduate Minor
• Gerontology - Undergraduate Minor
• Government - Bachelor of Arts
• Government - Master of Arts
• Government - Undergraduate Minor

• History (Public History) - Master of Arts
• History - Bachelor of Arts
• History - Graduate Minor
• History - Master of Arts
• History - Undergraduate Minor
• Horse Management - Undergraduate Minor
• Horticulture - Bachelor of Science in Agriculture
• Horticulture - Master of Science
• Horticulture - Undergraduate Minor
• Hotel, Restaurant and Tourism Management - Bachelor of Science
• Hotel, Restaurant and Tourism Management - Undergraduate Minor
• Human Animal Interaction - Undergraduate Minor
• Human Biology - Undergraduate Minor
• Human Nutrition and Dietetic Science (Nutrition Education) - Bachelor of Science in Family and Consumer Sciences
• Human Nutrition and Dietetic Science (Pre-Dietetics/Dietetics) - Bachelor of Science in Family and Consumer Sciences

• Individualized Studies - Bachelor of Individualized Studies
• Industrial Engineering - Bachelor of Science in Industrial Engineering
• Industrial Engineering - Master of Engineering
• Industrial Engineering - Master of Science in Industrial Engineering
• Information and Communication Technology - Bachelor of Information and Communication Technology
• Information Security Technology - Undergraduate Minor
• Information Systems - Bachelor of Business Administration
• Information Systems - Graduate Minor
• Information Systems - Undergraduate Minor
• Integrated Behavioral Health Care - Graduate Minor
• International Agricultural Development and Extension - Graduate Minor
• International Business - Bachelor of Business Administration
• International Business - Undergraduate Minor
• International Relations - Undergraduate Minor
• International Studies - Undergraduate Minor

• Journalism and Media Studies - Bachelor of Arts
• Journalism and Media Studies - Undergraduate Minor
• Justice, Political Philosophy, and Law - Bachelor of Arts
• Justice, Political Philosophy, and Law - Undergraduate Minor

K
• Kinesiology (Exercise Science) - Bachelor of Science in Kinesiology
• Kinesiology (Performance Psychology) - Bachelor of Science in Kinesiology
• Kinesiology (Physical Education) - Bachelor of Science in Kinesiology
• Kinesiology - Doctor of Philosophy

L
• Latin American Studies - Supplementary Major
• Law and Society - Supplemental Major
• Law and Society - Undergraduate Supplemental Major
• Linguistics - Supplementary Major
• Linguistics - Undergraduate Minor
• Literature - Undergraduate Minor
• Livestock Production - Undergraduate Minor

M
• Management (Human Resource Management) - Bachelor of Business Administration
• Management (Project & Supply Chain Management) - Bachelor of Business Administration
• Management (Small Business Management & Entrepreneurship) - Bachelor of Business Administration
• Management - Undergraduate Minor
• Manufacturing - Undergraduate Minor
• Marketing (PGA Golf Management) - Bachelor of Business Administration
• Marketing - Bachelor of Business Administration
• Marketing - Undergraduate Minor
• Master of Public Health/Master of Social Work - Dual Degree
• Master of Social Work/Master of Public Health - Dual Degree
• Materials Engineering - Graduate Minor
• Materials Engineering - Undergraduate Minor
• Mathematics (Actuarial Science and Insurance) - Bachelor of Science
• Mathematics (Applied Mathematics) - Bachelor of Science
• Mathematics (Foundations) - Bachelor of Science
• Mathematics (General Mathematics) - Bachelor of Science
• Mathematics (Secondary Mathematics Education) - Bachelor of Science
• Mathematics - Doctor of Philosophy
• Mathematics - Master of Science
• Mathematics - Undergraduate Minor
• Mechanical Engineering - Bachelor of Science in Mechanical Engineering
• Mechanical Engineering - Master of Engineering
• Mechanical Engineering - Master of Science in Mechanical Engineering
• Mechanical Engineering - Undergraduate Minor
• Medieval and Early Modern Studies - Undergraduate Minor
• Microbiology - Bachelor of Science
• Microbiology - Undergraduate Minor

N
• Native American Studies - Graduate Minor
• Native American Studies - Undergraduate Minor
• Natural Resource Economics - Undergraduate Minor
• Natural Resource Economics and Policy - Bachelor of Science in Agriculture
• Nuclear Chemical Engineering - Undergraduate Minor
• Nursing - Bachelor of Science in Nursing
• Nursing - Doctor of Philosophy
• Nursing Administration - Master of Science in Nursing
• Nursing Practice (Family Nurse Practitioner) - Doctor of Nursing Practice
• Nursing Practice (Psychiatric/Mental Health) - Doctor of Nursing Practice
• Nursing Practice - Doctor of Nursing Practice
• Nutrition - Undergraduate Minor

O
• Online Teaching and Learning - Graduate Certificate

P
• Pest Management - Undergraduate Minor
• Philosophy - Bachelor of Arts
• Philosophy - Undergraduate Minor
• Physics (Applied Physics) - Bachelor of Science
• Physics (Computational Physics) - Bachelor of Science
• Physics (Geophysics) - Bachelor of Science
• Physics (Materials Science) - Bachelor of Science
• Physics (Optics) - Bachelor of Science
• Physics (Space Physics) - Master of Science
• Physics - Bachelor of Arts
• Physics - Bachelor of Science
• Physics - Doctor of Philosophy
• Physics - Graduate Minor
• Physics - Master of Science
• Physics - Undergraduate Minor
• Plant and Environmental Science - Doctor of Philosophy
• Plant and Environmental Science - Master of Science
• Plant Pathology - Undergraduate Minor
• Political Theory - Undergraduate Minor
• Pre-Law in Intellectual Property - Undergraduate Minor
• Pre-Medicine Studies - Undergraduate Minor
• Professional Selling - Undergraduate Minor
• Psychiatric/Mental Health Nurse Practitioner - Graduate Certificate
• Psychology - Bachelor of Arts
• Psychology - Graduate Minor
• Psychology - Undergraduate Minor
• Public Administration - Master of Public Administration
• Public Administration - Undergraduate Minor
• Public Health (Health Behavior & Health Promotion) - Master of Public Health
• Public Health (Health Management, Administration & Policy) - Master of Public Health
• Public Health - Bachelor of Public Health
• Public Health - Graduate Certificate
• Public Health Sciences - Undergraduate Minor
• Public History and Public Administration - Dual M.A. Degree
• Public Law - Undergraduate Minor
• Public Utility Regulation and Economics - Graduate Certificate

• Ranch Management - Undergraduate Minor
• Range Science - Bachelor of Science in Agriculture
• Range Science - Doctor of Philosophy
• Range Science - Graduate Minor
• Range Science - Master of Science
• Range Science - Undergraduate Minor
• Religious Studies - Undergraduate Minor
• Renewable Energy Technologies - Undergraduate Minor
• Rhetoric and Professional Communication - Doctor of Philosophy
• Rhetoric and Professional Communication - Undergraduate Minor
• Risk Management and Insurance - Undergraduate Minor

• School Psychology - Doctor of Philosophy
• School Psychology - Specialist in Education
• Secondary Education (Secondary Education General Science) - Bachelor of Science in Education
• Secondary Education (Secondary Education Language Arts) - Bachelor of Science in Education
• Secondary Education (Secondary Education Math) - Bachelor of Science in Education
• Secondary Education (Secondary Education Social Studies) - Bachelor of Science in Education
• Secondary Education - Undergraduate Minor
• Secondary Education Alternative Licensure - Graduate Certificate
• Security Studies - Graduate Minor
• Social Media Management - Undergraduate Minor
• Social Work - Bachelor of Social Work
• Social Work - Master of Social Work
• Sociology (On-Campus) - Bachelor of Arts
• Sociology (Online) - Bachelor of Arts
• Sociology - Master of Arts
• Sociology - Undergraduate Minor
• Software Development - Undergraduate Minor
• Soil Science (Environment and Resource Management) - Bachelor of Science in Agriculture
• Soil Science (Soil and Water Science) - Bachelor of Science in Agriculture
• Soil Science (Soils) - Bachelor of Science in Agriculture
• Soil Science - Undergraduate Minor
• Spanish - Master of Arts
• Spanish - Undergraduate Minor
• Spanish Counseling - Graduate Minor
• Special Education (Elementary Education) - Bachelor of Science in Education
• Special Education (Secondary Education) - Bachelor of Science in Education
• Special Education - Graduate Minor
• Special Education - Master of Arts
• Special Education Alternative Licensure - Graduate Certificate
• Sports Marketing - Undergraduate Minor
• Strategic Communications - Undergraduate Minor
• Structural Engineering - Undergraduate Minor
• Sustainability - Graduate Certificate
• Sustainability - Undergraduate Minor
• Sustainable Development - Undergraduate Minor
• Systems Engineering - Graduate Certificate

• Telemetry - Graduate Certificate
• Theatre Arts (Musical Theatre) - Bachelor of Arts
• Theatre Arts - Bachelor of Arts
• Theatre Arts - Undergraduate Minor
• Turfgrass Science and Management - Bachelor of Science in Agriculture
• Turfgrass Science and Management - Undergraduate Minor

• U.S. - Mexico Border Health Issues - Graduate Minor
• U.S.-Mexico Border Health Issues - Undergraduate Minor

• Water Science and Management - Doctor of Philosophy
• Water Science and Management - Master of Science
• Weed Science - Undergraduate Minor
• Wildlife Science - Undergraduate Minor

• Zero-to-Four (Early Childhood) - Bachelor of Applied Studies