

SUR 351, Introductory Survey, Measurements, Analysis and Adjustments; SUR 451, Advanced Survey Measurements, Analysis and Adjustments; SUR 462, Advanced Geodesy

MINOR: Mathematics

A student must pass 18 or more credit hours in MATH and STAT courses, with at least 9 of the credits in upper division courses and 3 or those 9 credits in courses numbered above 400. The following courses are excluded from the minor: courses numbered below 125, MATH 200, MATH 300, MATH 308, MATH 312, MATH 313, MATH 314, MATH 400, MATH 459, and STAT 400. At most, one of STAT 251, STAT 271, or STAT 371 may be included in a minor. Any special topics courses, MATH or STAT 301 and MATH or STAT 401, must be approved by the department for credit toward the minor. Any course taught outside the Department of Mathematical Sciences but cross-listed with a MATH or STAT course, must also be approved by the department for credit toward the minor. A student may not earn a bachelor's degree in mathematics or a supplementary major in applied mathematics and also earn a minor in mathematics.

MILITARY SCIENCE

Lieutenant Colonel Bradley D. Gavle, department head

Assistant Professors Major Nakamoto, Captain Hugo, Sergeant First Class Perry
(505) 646-4030

The Military Science program leads to a commission as an officer in the Army Reserve, National Guard, or Active Duty Army. The program consists of four parts: the student's academic major, nondepartmental courses of value to the military service, courses in military science, and a six-week Leader Development and Assessment course. The department offers a four-year program divided into two parts: the basic course (two years) and the advanced course (two years). Selected students may qualify for the two-year program with prior military service or successful completion of a six-week summer Leaders' Training course. Financial assistance and scholarships are available for qualified individuals. Students should contact the Department of Military Science to obtain additional information.

Requirements for Minor in Military Science

The minor in Military Science is administered by the Department of Military Science (Army ROTC) in the College of Arts and Sciences. To obtain a minor in Military Science a student must complete a total of 19 credits, all of which must be upper division. A grade of C or better must be obtained for each course. The only credits in which a grade of S will be accepted is MSC 350. Students should contact the Department of Military Science to obtain additional information.

MILITARY SCIENCE PROGRAM

Basic Course—Freshman

M SC 110, Introduction to Military Science.....	2
M SC 111, Introduction to Leadership.....	2

Basic Course—Sophomore

M SC 210, Self/Team Development.....	3
M SC 211, Leadership in Action and Team Building.....	3
M SC 225, Directed Studies.....	1-3
M SC 250, Leadership Internship I (summer only).....	4

Courses should be taken in sequence, normally one per semester.

Advanced Course—Junior

M SC 310, 310L, Leading Small Organizations I/Lab.....	4
M SC 320, 320L, Leading Small Organizations II/Lab.....	4
M SC 325, Advanced Directed Studies.....	1-3
M SC 350, Leadership Internship (summer only).....	6

Advanced Course—Senior

M SC 401, 401L, Leadership Challenges and Goal Setting/Lab.....	4
M SC 402, 402L, Transition to Lieutenant/Lab.....	4
M SC 425, Practicum.....	1-4

The student's military science advisor will recommend course sequence. Military science students must sign up for and attend courses plus laboratories. Departmental requirements may not be taken S/U.

NONDEPARTMENTAL REQUIREMENTS

One course in Military History must be successfully completed to meet Professional Military Education requirements. See your military science advisor for specific courses.

MUSIC

Associate Professor Gregory Fant, department head

Professors Alt, Borchert, Klein, Shearer, Sylvan, K. Van Winkle; **Associate Professors** Kaplan, Romero, Rowe, Spitzer, Staehle; **Assistant Professors** Bugbee, Christiansen, Joy, Stovall, L. Van Winkle
(505) 646-2421

DEGREE: Bachelor of Music Education

OPTIONS: K-12, Vocal
K-12, Instrumental

DEGREE: Bachelor of Music

OPTIONS: Piano Performance
Instrumental Performance
Vocal Performance
Business

MINOR: Music

Mission Statement

The mission of the Music Department at NMSU is: 1) to prepare our students for careers in music education, business, and/or performance; 2) to give the student body opportunities to perform, study, create, and experience music; 3) to enhance the cultural lives of our constituency by performance of superior music; and 4) to create an artistic environment which fosters the development of personal realizations we believe to be essential to the fabric of a healthy society.

Departmental Requirements for all Bachelor's Degrees (Music Core)

A student must earn a grade of C or better in all departmental requirements for any degree in the Department of Music. All students wishing to pursue a music degree must audition and take the theory placement exam. Contact the department for current audition requirements.

Students enrolled in this department's major(s) or minor(s) may count credits in required applied courses toward their degrees beyond the normal maximum of 9 credits allowed in the College of Arts and Sciences. However, if students change the major(s) or minor(s) or do not complete the requirements for the minor at the time of graduation, they may only count a maximum of 9 credits of the applied/occupational credits toward graduation.

DEGREE: Bachelor of Music Education

OPTIONS: K-12, Instrumental
K-12, Vocal

The Bachelor of Music Education (B.M.E.) is a diversified four- to five-year degree program of teaching, performance, and specialized studies in music. The goal of this degree is to prepare the student for certification to teach music in the public schools, and serves as a foundation for advanced study toward master's and doctoral degrees: M.M., M.M.E., D.M.A., or Ph.D in music education.

REQUIREMENTS K-12 – Instrumental

Basic Music and Performance

MUS 141, Class Voice.....	2
MUS 202, Introduction to Music Literature.....	3
MUS 211/212, Ear Training I/II.....	2
MUS 213/214, Music Theory I/II.....	6
MUS 273, Music Technology.....	3
MUS 302, History and Literature of Music to 1750.....	3
MUS 303, History and Literature of Music After 1750.....	3
MUS 311/312, Ear Training III/IV.....	2
MUS 313/314 Music Theory III/IV.....	6
MUS 325, Beginning Conducting.....	1
MUS 326, Instrumental Conducting.....	3
MUS 230, 330, 430, Applied Music (instrumental).....	14
MUS 315/316, Brass Technique I/II.....	2