

JOURNALISM and MASS COMMUNICATIONS

Professor Frank Thayer, department head

Professors McCleneghan; **Assistant Professors** B Chung, Trantham; **Instructors** Escandón, Gromatzky, Hamblen, Jarvis, Nosbisch, Olson, Rickman, Salak, Scholz, Trujillo, Worth
(505) 646-1034

DEGREE: Bachelor of Arts

MAJOR: Journalism and Mass Communications

MINOR: Journalism and Mass Communications

Study in Journalism and Mass Communications prepares students for careers in mass media, including print, broadcasting, advertising, public relations and photojournalism. The curriculum emphasizes the skills of gathering, evaluating and disseminating of information and related skills. Students also are instructed in the theory, law, history and professional guidelines of mass media. The program is nationally accredited by the Accrediting Council for Education in Journalism and Mass Communications (ACEJMC).

DEGREE: Bachelor of Arts

MAJOR: Journalism and Mass Communications

Students are required to complete a 12-hour core of courses, pass a language-skills examination and then complete an additional 24–27 hours of courses in the department, bringing the allowable maximum to 39 hours. Students must complete at least 89 hours of courses outside the department, and must have at least 65 hours of credit in the liberal arts and sciences. An 18-credit minor in the department is available to students majoring in other fields.

Core Requirements (required of all majors)

JOUR 105G, Introduction to Mass Communications.....	3
JOUR 110, Introduction to Mass Media Writing	3
JOUR 210, Print Newswriting	3
JOUR 493, Mass Communications Law.....	3

Three core courses (JOUR 105G, 110 and 210) are prerequisites to other courses in the department, as noted in course descriptions. Students must pass the Grammar-Spelling-Punctuation (GSP) Test in order to be accepted into the major and to enroll in JOUR 110 and higher level courses.

Advanced Requirements

Students must complete 24–27 hours of non-core courses, including at least one course from each category listed below. Entry into courses is subject to successful completion of appropriate prerequisites.

Category I: Intermediate Professional

JOUR 307, Television Production.....	3
JOUR 310, Intermediate Print Reporting.....	3
JOUR 312, Creative Strategy/Copywriting.....	3
JOUR 313, Radio Reporting	3
JOUR 314, Television Reporting	3
JOUR 317, News Editing.....	3
JOUR 319, Basic Photography for the Journalist.....	3
JOUR 320, Photojournalism.....	3
JOUR 374, Principles of Public Relations.....	3
JOUR 407, Media Internship.....	3
JOUR 408, Media Practicum.....	3

Category II: Advanced Professional

JOUR 412, Documentary Photojournalism.....	3
JOUR 414, RTV Scriptwriting and Announcing.....	3
JOUR 423, Computer-Assisted News Reporting	3
JOUR 430, Electronic Field Production	3
JOUR 476, Public Relations Cases and Problems.....	3
JOUR 490, Advertising Campaigns.....	3

Category III: Mass Communications

JOUR 300, Introduction to Advertising.....	3
JOUR 321, Print Media Graphic Design.....	3
JOUR 350, History of Mass Media	3
JOUR 377, Mass Media Ethics.....	3
JOUR 380, Women and the Mass Media.....	3

JOUR 450, Media Management.....	3
JOUR 460, Sports and Media in Contemporary Society	3
JOUR 474, Community Journalism	3
JOUR 482, Broadcast Business and Regulation	3
JOUR 489, Mass Media Research.....	3
JOUR 494, Special Topics	3
JOUR 495, Mass Communication Theory.....	3
JOUR 499, Independent Study in Mass Communications.....	1-3

Category IV: Sequence Courses

JOUR 302, Broadcast Studio Operations (recommended for students specializing in broadcasting).....	3
JOUR 425, Media Planning and Buying (recommended for students specializing in advertising).....	3
JOUR 484, Public Opinion (recommended for students specializing in print or public relations).....	3

MINOR: Journalism and Mass Communications

Students may not earn both a Bachelor of Arts in Journalism and Mass Communications and minor in Journalism and Mass Communications

JOUR 105G, Introduction to Mass Communications.....	3
JOUR 110, Introduction to Mass Media Writing	3
JOUR 210, Print Newswriting.....	3
Upper division JOUR courses totaling 9 upper division credits.....	9

Note: students must pass the Grammar-Spelling-Punctuation (GSP) examination prior to enrolling in JOUR 110 and higher JOUR courses.

LANGUAGES and LINGUISTICS

Professor Beth Pollack, department head

Professors Barquet, Laroche, Pino, Pollack, Rundell, Villa; **Associate Professors** Fouillade, Garcia, MacGregor-Mendoza, Wolf; **Assistant Professor** Willis; **College Assistant Professors** Buchenau, Longwell; **College Instructors** Calk, Henmi, Schroeder
(505) 646-3408

DEGREE: Bachelor of Arts

MAJOR or DOUBLE MAJOR: Foreign Languages

OPTION: French

OPTION: German

OPTION: Spanish

SUPPLEMENTARY MAJOR: Latin American Studies

SUPPLEMENTARY MAJOR: Chicano Studies

SUPPLEMENTARY MAJOR: Linguistics

MINORS: French

German

Linguistics

Spanish

Foreign language degree programs prepare individuals for primary careers in teaching. A language major also provides an auxiliary skill that many students match with experience acquired in another major to qualify themselves for careers in business, government, journalism, social services, and travel.

The major curriculum plans in each language include balanced groups of courses in language, linguistics, literature, and culture. Students may choose to major, double major, or minor in French, German, or Spanish. Requirements involve 24 credits numbered 300 or above in the major field. Electives needed to bring the upper-division total to 54 are selected with the help of a department advisor who is especially aware of professional opportunities involving languages.

College Second Language Requirement

To meet the second language requirement, the student must do one of the following:

- Complete the normal foreign language course sequence: 111, 112, 211, 212. Students should enter the sequence at their proficiency level. Spanish native speakers should complete the 113, 213, 214 sequence.

Students who successfully complete either SPAN 113 or 213 or 214 may not take SPAN 111, 112, 211 or 212 for credit.

- Challenge the 212 level of French, German, Japanese, or Spanish, or the 214 level for the Spanish for Native Speakers, or Portuguese.
- Obtain college certification of completion of three years of one second language at the high school level with a grade of C or higher in the third-year level, (i.e., equivalent to French 212, German 212, Spanish 212, etc.)
- Obtain, from the head of the Department of Languages and Linguistics, certification of a working knowledge of a second language if such language is not taught at New Mexico State University. The student must demonstrate reading, writing, listening, and speaking skills in the language at a minimum of the 212 or equivalent level through examination.
- Obtain certification of a working knowledge of a native American language from the American Indian program director.
- Pass an upper-division course (numbered 300 or above, does not include directed reading, independent study, or practicum) taught in a foreign language by the Department of Languages and Linguistics.
- Pass C D 476, American Sign Language III with a grade of C or better.

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In the case of a foreign student who is required to take the TOEFL exam, the dean will automatically waive the foreign language requirement if the student scores 500 or above or the equivalent.

- ESL or English language may not be used to fulfill the language requirement.

- Students should satisfy the language requirement as soon as possible and take the necessary courses in the sequence indicated by the advisor.

DEGREE: Bachelor of Arts

MAJOR or DOUBLE MAJOR: Foreign Languages

Departmental Requirements for Majors

All Foreign Language majors are required to take LING 200G and a second language through 212 (or 214 if in the Native Speaker Track of Spanish or taking Portuguese) or equivalent with the approval of the department.

An S grade in a foreign language course must correspond to a C grade or better.

Electives sufficient to bring total credits to 128, including 54 upper-division.

Departmental Requirements for Double Majors

Students can double major in Foreign Languages by completing an option in French, German, or Spanish while completing a different major in another department. The double major must be completed prior to or simultaneously with the Foreign Languages major.

Students who double major in Foreign Languages with an option in either French or Spanish are not required to take LING 200G or a second language.

Students who double major in Foreign Languages with an option in German are required to take LING 200G but do not need a second language.

Students who major in Foreign Languages only and who simultaneously fulfill both the French and Spanish options are not required to take an additional language nor LING 200G. This is not a double major as the degree is in Foreign Languages with two options French and Spanish.

An S grade in a foreign language course must correspond to a C grade or better.

Electives sufficient to bring total to 128, including 54 upper-division.

OPTION: French

Requirements

FREN 111, 112, Elementary French I, II, FREN 211, 212, Intermediate French I, II, or equivalent

French courses numbered 300 or above—24 credits, must include FREN 313 or FREN 314 and FREN 381 or FREN 382. Other courses selected from the areas of language, literature and culture with the help of the major advisor.

OPTION: German

Requirements

GER 111, 112, Elementary German I, II; and GER 211, 212, Intermediate German I, II or equivalent

German courses numbered 300 or above—24 credits selected with the aid of an advisor.

OPTION: Spanish

Language Placement

A language assessment is required for all students entering the Spanish program, including native speakers. To learn when and where to take the language assessment, contact the department.

Requirements

SPAN 111, 112, 211, 212 or SPAN 113, 213, 214 or equivalent, and SPAN 312 or 313 and 314 or 315.

Spanish courses numbered 300 and 400—24 credits selected with the aid of an advisor. Required for the major, double major, or minor: SPAN 312 or SPAN 313 and SPAN 314 or SPAN 315.

Credit will not be given for both SPAN 312 and 313. Credit will not be given for both SPAN 314 and 315. Credit will not be given for both SPAN 325 and 327.

SUPPLEMENTARY MAJOR: Latin American Studies

This program consists of 24 credits drawn from the lists below of which 18 credits must be numbered 300 or above. In addition, students must satisfy the College of Arts and Sciences language requirement through course work, proficiency examinations, or by taking three years of the same language in high school.

OPTIONS

There are two options based on the section chosen by the student:

Option 1: Concentration in Latin American Language, Culture, and Literature (Spanish or Portuguese):

- 12 credits from Section 1
- 12 credits from Section 2, of which no more than 6 may be taken in a single department

Option 2: Concentration in one major (e.g., history, government, economics, health science, anthropology, sociology) included in Latin American Social Sciences and Art:

- 6 credits in the chosen area of Section 2 (if the major is government, one of these courses may be ECON 325G)
- 6 credits from another area (or areas) of Section 2
- 6 credits from Section 1

Both options require that the student take at least two Spanish or Portuguese courses above 300-level, for which courses the student must pass either the language placement test or SPAN/PORT 212 or 214.

Section 1: Latin American Language, Culture and Literature:

Spanish/Portuguese

Language*

SPAN 325, Advanced Conversation.....	3
SPAN 327, Rhetoric for Native Speakers of Spanish.....	3
HL S 461, Health Communications with Hispanic Clients.....	3
PORT 325, Portuguese Conversation.....	3

*Only 3 credits will count.

Culture

SPAN 305, Topics in Hispanic Civilization.....	3
SPAN 362, Introduction to Spanish Culture and Civilization	3
SPAN 363, Introduction to Spanish-American Culture.....	3
SPAN 491, History of the Spanish Language	3
SPAN 450, Mexican Cultures.....	3
PORT 449, Special Problems.....	3

Literature

SPAN 386, Survey of Spanish Peninsular Literature through the Seventeenth Century.....	3
SPAN 387, Survey of Spanish Peninsular Literature after the Seventeenth Century.....	3
SPAN 388, Survey of Spanish-American Literature to Modernismo.....	3
SPAN 389, Survey of Spanish-American Literature since Modernismo	3
SPAN 486, Twentieth-Century Spanish-American Essay	3
SPAN 487, Twentieth-Century Spanish-American Short Story.....	3
SPAN 488, Twentieth-Century Spanish-American Theatre	3

Section 2: Latin American Social Sciences and Art

ANTH 110, New World Prehistory.....	3
ANTH 306G, Peoples of Latin America.....	3
ANTH 361G, Social Issues in the Rural Americas.....	3
ECON 324G, Developing Nations.....	3
ECON 325G, Economic Development of Latin America.....	3
ECON 330G, The Business Economy of Mexico.....	3
GEOG 328G, Geography of Latin America(s).....	3
GOVT 463, Inter-American Relations.....	3
GOVT 473, Latin American Politics.....	3
GOVT 476, Central American Politics.....	3
GOVT 478, U.S.-Mexico Border Politics.....	3
GOVT 479, Mexican Politics.....	3
HIST 311, Colonial Latin America.....	3
HIST 312, Modern Latin America.....	3
HIST 387, Spain.....	3
HIST 451, Colonial Mexico.....	3
HIST 452, National Mexico.....	3
HIST 453, Cuba: Colony to Castro.....	3
HIST 454, Central America.....	3
HIST 455, Brazil.....	3
HIST 456, Argentina.....	3
HIST 457, The Mexican Revolution.....	3
HIST 458, History of the U.S.-Mexican Border.....	3
HL S 462, Hispanic Health Issues.....	3
HL S 463, Interdisciplinary Seminar.....	3
HL S 465G, International Health Problems.....	3
SOC 361, Social Issues in the Rural Americas.....	3

In both sections, independent studies, honors or special topics courses may be chosen with the approval of either the Supplementary Major in Latin American Studies Committee or the advisor, the head of the Department of Languages and Linguistics, and the College of Arts and Sciences.

SUPPLEMENTARY MAJOR: Chicano Studies

This program consists of 24 credits from the lists below. Advisor: Dr. Laura Gutiérrez Spencer, Chicano Programs.

Core Requirements - 9 credits from

GOVT 446, New Mexico Government and Politics.....	3
HIST 367, Mexican Americans in the United States.....	3
HIST 458, History of the U.S.-Mexican Border.....	3
SOC 270, Sociology of the Chicano Community.....	3
SOC 470, Sociology of Latinos/as in the United States.....	3
SPAN 350, Introducción a Estudios Chicanos.....	3

Culture and Literature - 6 credits from

ENGL 338G, Latino Literature.....	3
ENGL 339G, Chicano Literature.....	3
SPAN 361, Cultures of the Camino Real/Río Paso del Norte.....	3
SPAN 450, Mexican Cultures.....	3
SPAN 467, Chicano Literature.....	3
SPAN 468, Hispanic Literature in the United States.....	3
SPAN 469, Literature de la Frontera.....	3
SPAN 470, Methods for Teaching U.S. Hispanic Children's Literature in the U.S.....	3
Applicable upper-division honors courses.....	3
Applicable upper-division "special topics" courses.....	3

Social Studies - 6 credits from

ECON 346, The New Mexico Economy.....	3
GOVT 478, U.S.-Mexico Border Politics.....	3
HIST 261, New Mexico.....	3
HIST 416, History of Latinos in the U.S.....	3
SOC 371, Race and Ethnic Relations.....	3
SPAN 353, Spanglish and Bilingualism in the United States.....	3
SPAN 454, Spanish in the U.S.-Mexico Border Region.....	3
SPAN 459, Sociolinguistics of the U.S.-Mexico Border Region.....	3
SPAN 493, Studies in U.S. Spanish.....	3
Applicable upper-division honors courses.....	3
Applicable upper-division "special topics" courses.....	3

Electives - 3 credits from

ANTH 361G, Social Issues in the Rural Americas.....	3
C EP 517, Psychology of Multiculturalism.....	3
(only with prior written permission of instructor, department head, and course dean)	
EDUC 315, Multicultural Education.....	3
EDUC 344, Issues in Schooling for Bilingual Leaders.....	3
ENGL 394, Southwest Literature.....	3
GEOG 325G, New Mexico and the American West.....	3
GOVT/C J/HIST/JOUR/SOC 399, New Mexico Law.....	3
HIST 311, Colonial Latin America.....	3
HIST 417, U.S. Immigration from the Caribbean.....	3
HIST 483, Historic Preservation.....	3
HL S 462, Hispanic Health Issues.....	3
SPAN 434, Methods of Teaching Spanish to Native Speakers.....	3

SUPPLEMENTARY MAJOR: Linguistics

This program consists of 24 credits drawn from the lists below. In addition, students must satisfy the College of Arts and Sciences language requirement through course work, proficiency exams, or by taking three years of the same language in high school. Advisor, Patricia MacGregor-Mendoza, Ph.D.

Core Requirements (12 credits)

LING 200G, Introduction to Language.....	3
LING/PSY 301, Introduction to Psycholinguistics.....	3
LING 302G, Language and Society.....	3
LING 303, The Formal Structure of Language.....	3

Electives (12 credits)

Take 12 credits from the list below and follow these guidelines: (1) at least 3 hours must be at the 400 level, (2) no more than 6 hours may be from the department where the student is obtaining his/her major, (3) all special topic, independent study, or directed reading courses must be approved by the Department of Languages and Linguistics.

ANTH 320, Anthropological Linguistics.....	3
COMM 376, Communication and Culture.....	3
COMM 384, Interpersonal Communication.....	3
COMM 435, Psychology of Human Communication.....	3
COMM 440, Political Communication.....	3
COMM 450, Technologies of Human Communication.....	3
COMM 465, Nonverbal communication.....	3
COMM 490, Independent Study*.....	3
COMM 491, Selected Topics*.....	3
C D 360, Language Acquisition.....	3
C D 374, American Sign Language I.....	3
C D 375, American Sign Language II.....	3
C D 380, Speech Science.....	3
C D 390, Phonetics.....	3
C D 452, Speech Disorders.....	3
C D 453, Language Disorders.....	3
C S 370, Compilers and Automa Theory.....	3
C S 475, Artificial Intelligence I.....	3
C S 409, Independent Study*.....	1-3
C S 479, Special Topics*.....	1-3
EDUC 465, Special Topics in Bilingual Education/ESL*.....	1-6
EDUC 483, Second Language Acquisition.....	3
EDUC 495, Directed Study Courses in Education*.....	1-3
ENGL 451, Practicum in the Grammar of American English.....	3
ENGL 452, History of the English Language.....	3
FREN 352, French Phonetics.....	3
GER 353, German Dialects.....	3
GER 391, History of the German Language.....	3
GER 451, Special Topics in German*.....	3
GER 453, Independent Studies in German*.....	3
LING 451, Independent Studies in Linguistics*.....	1-3
PHIL 312, Formal Logic.....	3
PHIL 315, Philosophy of Language.....	3
PSY 361, Language Processing.....	3
PSY 401, Directed Readings*.....	1-3
SPAN 340, Introduction to Spanish Linguistics.....	3
SPAN 352, Spanish in Social Contexts.....	3

SPAN 353, Spanglish and Bilingualism in the United States.....	3
SPAN 438, Methods for Teaching Proficiency.....	3
SPAN 439, Topics in Applied Spanish Linguistics.....	3
SPAN 453, Independent Studies in Hispanic Linguistics*.....	3
SPAN 460, Spanish Language Acquisition.....	3
SPAN 491, History of the Spanish Language.....	3
SPAN 492, Structure of Spanish.....	3
SPAN 493, Studies in U.S. Spanish.....	3
SPAN 496, Methods for Teaching Proficiency.....	3

*Special topics, independent studies, and directed readings must be approved by the Department of Languages and Linguistics.

Department Requirements for a Minor in French, German, or Spanish

A minor requires 18 hours of course work in the target language. FREN, GER or SPAN 211 and/or 212 (or SPAN 213 and/or 214) may count towards the 18 credits required. SPAN 312 or SPAN 313 and SPAN 314 or SPAN 315 required for Spanish minor.

MINOR: French

A student whose primary language for a B.A. in Foreign Languages is French may not also earn a minor in French. Students must pass at least 18 credits of which at least 12 credits are upper division. Students may not count FREN 111 or FREN 112, but may count FEN 211 and/or FREN 212.

FREN 313, Composition and Grammar I, or FREN 314, Composition and Grammar II.....	3
One upper division course in French culture. Please see department for list of eligible courses.....	3
One upper division course in French language studies. Please see department for list of eligible courses.....	3
One upper division course in French literature. Please see department for list of eligible courses.....	3
Six additional French credits. May include FREN 211, Intermediate French I, and/or FREN 212, Intermediate French II. Please see department for list of eligible courses.....	6

MINOR: German

A student whose primary language for a B.A. in Foreign Languages is German may not also earn a minor in German. Students must pass at least 18 credits of which at least 12 credits are upper division.

Six credits from among GER 313, Intermediate Composition and Grammar; GER 325, German Conversation I; and GER 343, Building Reading Skills.....	6
Twelve additional German credits, of which at least 6 are upper division.....	12

MINOR: Linguistics

The department offers a minor in linguistics. Students will take LING 200G and two of the three core courses, LING 301, 302, 303G. The remaining 9 credit hours will be chosen with the help of the advisor from related fields.

Topics in courses marked with asterisks must be approved by the component head for Linguistics in the Department of Languages and Linguistics in order to count in this minor. A student may not earn both a supplementary major in Linguistics and a minor in Linguistics.

LING 200G, Introduction to Language.....	3
Two of LING/PSY 301, Introduction to Psycholinguistics; LING 302G, Language and Society; and LING 303, The Formal Study of Language.....	6
Nine hours of electives from the approved list in consultation with the linguistics advisor (see list of elective for the supplementary major in linguistics).....	9

MINOR: Spanish

A student whose primary language for a B.A. in Foreign Languages is Spanish may not also earn a minor in Spanish. Students must pass at least 18 credits of which at least 12 credits are upper division. Students may not count SPAN 364G or SPAN 365G because they are taught in English.

SPAN 312, Grammar for Native Speakers of Spanish, or SPAN 313, Spanish Grammar.....	3
SPAN 314, Spanish Composition or SPAN 315, Issues in the Hispanic World.....	3
The remaining 12 credits are electives, at least 6 of which must be taken at the 300 or 400 level. However, up to 6 of the 12 elective credits may be counted from courses passed at the 200 level.....	12

MATHEMATICAL SCIENCES

Professor Ross E. Staffeldt, department head

Professors Alvarez, Baggett, Berver, Finston, Gehrke, Kurtz, Lampert, Lodder, Morandi, Nguyen, Pengelley, Sallach; **Associate Professors** Barany, Cohen, Engebos, Geiger, Harding, Krupa, Lakey, Olberding, Salamanca-Riba, Stanford, Swanson, Sweezy, Wang; **Assistant Professors** Allison, Ballyk, Beck, Bezhanishvili, Funke, Gasparim, Giorgi, Hill, Mariani, Mostafa, Schibel, Sikora, Smits, Zimmerman
(505) 646-3901

DEGREE: Bachelor of Science
MAJOR: Mathematics
SUPPLEMENTARY MAJOR: Applied Mathematics

MINOR: Mathematics

Mathematics is of fundamental importance in all phases of society and is also a rewarding profession with a wide variety of opportunities for employment. This department offers programs leading to a major or minor in mathematics. Note that courses in this department are listed as "Mathematics" (MATH) or as "Statistics" (STAT).

DEGREE: Bachelor of Science
MAJOR: Mathematics

Departmental Requirements for the Major

- (a) MATH 191, 192, 291, 279, 280, 331, and 332 (or equivalent courses).
(b) At least 18 additional upper-division credits of approved courses prefixed MATH or STAT, excluding MATH 300, 312, 313, 314, 400, 459, and STAT 400. Any special topics course MATH or STAT 301 and MATH or STAT 401 must be approved by the department for credit towards the major. At least 12 of the MATH and STAT credits must be numbered higher than 400.

Nondepartmental Requirement for the Major (A grade of C or better must be earned.)

- (a) C S 171 and C S 272.
(b) Electives sufficient to meet college and university requirements for general education, total credits, and total upper-division credits.

Suggested Program of Study for Mathematics Majors

First Year (31-36 credits)

MATH 191-192, Calculus/Analytic Geometry I, II.....	6
MATH 279, Introduction to Finite Mathematics.....	3
C S 171, Algorithmic Computation.....	4
ENGL 111G, Rhetoric and Composition.....	4
Foreign Language 111-112.....	8
General Education Courses.....	6-11

Second Year (31-37 credits)

MATH 280, Introduction to Linear Algebra.....	3
MATH 291, Calculus/Analytic Geometry III.....	3
MATH 331, Introduction to Modern Algebra.....	3
C S 272, Introduction to Data Structures.....	4
ENGL 218G, Technical and Scientific Communication.....	3
Foreign Language 211-212.....	6
General Education Courses.....	6-9
Electives in Mathematics, Statistics, or Related Area(s).....	3-6

Third and Fourth Years

The mathematics major should work out with an advisor a program for the third and fourth years that includes:

1. Completion of the College of Arts and Sciences and university general education requirements and upper-division requirements.
2. Seven to nine additional upper-division courses in mathematics and statistics, including MATH 332 and at least four courses at the 400 level.
3. Elective courses in the student's area(s) of interest.

NOTES:

Some students may be able to bypass one or more courses in the calculus sequence 191-192-291. The calculus sequence, finite mathematics, and