

MINOR: Environmental Chemistry

Students must pass the courses listed below. Check the undergraduate catalog for prerequisites.

CHEM 111, General Chemistry I, or CHEM 115, Principles of Chemistry I	4
CHEM 112, General Chemistry II, or CHEM 116, Principles of Chemistry II.	4
CHEM 211, Organic Chemistry or CHEM 313, Organic Chemistry I; CHEM 314, Organic Chemistry II and CHEM 315, Organic Chemistry Laboratory	8
CHEM 371, Analytical Chemistry, or CHEM 471, Instrumental Methods of Analy- sis.	4
CHEM 422, Environmental Chemistry	3
TOX 361, Basic Toxicology	3
B.A. or B.S. majors in Chemistry or Biochemistry must pass an additional 9 credits from these courses:	
BIOL 477, Applied and Environmental Microbiology.....	4
C E 256, Environmental Science.	3
C E 355G, Technology and the Global Environment.	3
CE 356, Fundamentals of Environmental Engineering	3
CHEM 424, Soil Chemistry.	3
CHEM 451, Special Topics (as appropriate)	1-3
I E 411, Industrial Safety	3

The following courses do not count toward a minor in Environmental Chemis-
try: CHEM 100, Basic Chemistry; CHEM 110G, Principles and Applications
of Chemistry; CHEM 310G, Chemistry and Society; 442, Glass Blowing.

Supplemental instruction (SI) courses are not accepted.

COMMUNICATION STUDIES

Professor Walter R. Zakahi, department head

Professors Hacker; **Associate Professors** Lindsey, **Assistant Professors** Buker,
Hubbell, Messal, Morgan
(505) 646-2801

DEGREE: Bachelor of Arts

MAJOR: Communication Studies

MINOR: Communication Studies

The communication studies program is designed to enhance students' interpersonal skills, presentational skills, and critical thinking skills. Thus the successful graduate should be able to work effectively with people, assimilate, organize and analyze information, solve problems, make effective presentations, and show potential for leadership. The program prepares students for careers in several professions, such as training and development, public relations, law, advertising and sales, government service, mediation, customer relations, human resources, international service, fund raising, and the ministry.

MAJOR: Communication Studies

In addition to completing the general education requirements of the univer-
sity and the college, students majoring in communication studies are required to
complete 18 credits of core COMM courses and 18 credits of COMM electives
for a total of 36 credits. Any exception to these policies requires department head
approval.

All COMM courses must be completed with a grade of C or better.

Communication Studies Core Courses (18 credits)

COMM 265G, Principles of Human Communication	3
COMM 285, Survey of Communication Theory	3
COMM 305, Communication Research Methods	3
COMM 370, Organizational Communication	3
COMM 376, Communication and Culture	3
COMM 384, Interpersonal Communication	3

Communication Studies Elective Courses (18 credits)

To reach a total of 36 credits, students must complete successfully an addi-
tional 18 COMM credits of their choosing.

MINOR: Communication Studies

COMM 265G, Principles of Human Communication	3
Two of COMM 370, Organizational Communication; COMM 376, Communi- cation and Culture; and COMM 384, Interpersonal Communication.....	6
Three of COMM 253G, Public Speaking; COMM 285, Survey of Communication Theory; COMM 305, Communication Research Methods; COMM 351, Persuasion Theory and Practice; COMM 353, Advanced Public Speaking; COMM 377, Conflict Management; COMM 425, Small Group Communi- cation; COMM 435, Psychology of Human Communication; COMM 440, Political Communication; COMM 450, Technologies of Human Communica- tion; COMM 465, Nonverbal Communication; COMM 470, Leadership Communication; COMM 475, International Com- munication; COMM 480, Health Communication; COMM 490, Independent Study; COMM 491, Selected Topics	9

COMPUTER SCIENCE

Professor Desh Ranjan, department head

Professor Pontelli; **Associate Professors** Cook, Hartley, Leung; **Assistant Profes-
sors** Bhattacharya, He, Jeffery, Pfeiffer, Pivkina, Song, Tran; **College Professor**
Steiner; **College Assistant Professor** Villaverde
(505) 646-3723

DEGREE: Bachelor of Science

MAJOR: Computer Science

MINORS: Algorithm Theory

Bioinformatics

Computer Systems

Software Development

The undergraduate computer science program prepares students for
graduate study in computer science and for employment in positions involving
the design, construction, and application of computer systems. Students should
review their programs of study in consultation with their advisers each semester,
preferably using the most recent Undergraduate Catalog. The department also
offers a minor degree, with specialized tracks in algorithm theory, bioinformat-
ics, computer systems, and software development. For more information on the
Department of Computer Science, please visit the web site www.cs.nmsu.edu.

DEGREE: Bachelor of Science

MAJOR: Computer Science

General Requirements Exception

A grade of at least C must be earned in each of the courses taken to sat-
isfy the departmental and nondepartmental requirements. No course may be
counted as satisfying both a departmental and a nondepartmental requirement.
No course taken to satisfy either a departmental or a nondepartmental require-
ment may be taken S/U.

Departmental Requirements (54-56 credits)

C S 171, Algorithmic Computation.....	4
C S 271, Introduction to Object-Oriented Programming.....	4
C S 272, Introduction to Data Structures.....	4
C S 273, Machine Programming and Organization.....	4
C S or MATH 278, Discrete Structures	4
C S 370, Compilers and Automata Theory.....	4
C S 371, Software Development	4
C S 372, Data Structures and Algorithms.....	4
C S 448, Senior Project, or C S 449, Senior Thesis.....	4
C S 471, Programming Language Structure I.....	3
C S 473, Architectural Concepts I.....	3
C S 474, Operating Systems I.....	3
Two of the following: C S 451, Functional Programming; C S 461, Logic Program- ming; C S 475, Artificial Intelligence I; C S 476, Computer Graphics I; C S 481, Visual Programming; C S 482, Database Management Systems I; C S 483, Introduction to Robotics; C S 484, Computer Networks I; C S 485, User	