

ART 296, Introduction to Art History II.....	3
ART 297, Introduction to Art History III.....	3
Five art history courses at the 300-499 level.....	15
One course in humanities or studio art, subject to approval by the minor advisor.....	3

MINOR: Studio Art

The Studio Art minor requires 27 credits. Students cannot earn both a bachelor's degree in the Department of Art and a Studio Art minor unless they pass at least 6 credits in the minor beyond the requirements of the major.

18 credits from among: ART 110G, Visual Concepts, ART 150, Drawing I, ART 151, Drawing II, ART 155, Design: 2-D, ART 156, 3-D Design and Process, ART 255, Introduction to Graphic Design and Digital Media, ART 256, Introduction to Letter Forms and Typographic Design, ART 260, Painting I, ART 265, Introduction to Sculpture: Process and Possibility, ART 270, Photography I, ART 275 or 276, Ceramics I, A, or Ceramics I, B, ART 280, Printmaking I, ART 285, Metals and Jewelry I, ART 295, Introduction to Art History I, ART 296, Introduction to Art History II, and/or ART 297, Introduction to Art History III.....	18
9 credits of studio art or art history at the 300-499 level.....	9

ASTRONOMY

Professor René Walterbos, department head

Professors Anderson, McNamara; **Associate Professors** Holtzman, Klypin, Murphy; **Assistant Professors** Churchill, Vogt; **College Professors** Beebe, Webber; **College Assistant Professors** Chanover, Harrison
(505) 646-4438

MINOR: Astronomy

The department offers an undergraduate astronomy minor degree, which requires 18 credits. The department does not offer a B.S. degree but encourages interested students to enroll in the physics program as a first step toward a career in astronomy. Our 100- and 300-level courses meet various university general education requirements. All students are invited to share with us this exciting area of study, through our basic and advanced undergraduate courses. The Department of Astronomy offers a graduate program leading to M.S. and Ph.D. degrees. Interested students should consult the Graduate School Catalog, which is available from the Graduate School.

Regular Undergraduate Course Offerings

ASTR 105G, The Planets.....	4
ASTR 110G, Introduction to Astronomy.....	4
ASTR 301G, Revolutionary Ideas in Science.....	3
ASTR 305G, Life in the Universe.....	3
ASTR 308G, Into the Final Frontier.....	3
ASTR 330G, Planetary Exploration.....	3
ASTR 405, Astronomy and Astrophysics I.....	3
ASTR 406, Astronomy and Astrophysics II.....	3
ASTR 435, Observational Techniques I.....	3

Other courses at the 300- and 400-levels are offered on an occasional basis. Consult the "Course Descriptions" chapter in this catalog.

MINOR: Astronomy

Pass one of ASTR 105G, The Planets; or ASTR 110G, Introduction to Astronomy.....	4
Pass two of: ASTR 301G, Revolutionary Ideas in Science, ASTR 305G, Life in the Universe, ASTR 308G, Into the Final Frontier, and/or ASTR 330G, Planetary Exploration.....	6
Note: ASTR 400 (Undergraduate Research) may replace one or both of the courses in this area	
Pass one in each of the following: a) ASTR 405, Astronomy and Astrophysics I or ASTR 505, Astronomy and Astrophysics I.....	3
b) ASTR 406, Astronomy and Astrophysics II, or ASTR 506, Astronomy and Astrophysics II.....	3
c) ASTR 435, Observational Techniques I, or ASTR 535, Observational	

Techniques I.....	3
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BIOLOGY

Professor Daniel Howard, department head

Professors Bernstein, Boecklen, Botsford, Gutschick, Howard; **Associate Professors** Houde, Milligan, Oshima, Serrano, Smith; **Assistant Professors** Bailey, Gustafson, Hanley, Nishiguchi, Preszler, C. Shuster, Unguez, Wright; **College Associate Professor** Ghoshroy; **College Assistant Professor** M. Shuster
(505) 646-3611

DEGREE: Bachelor of Arts
MAJOR: Biology

DEGREE: Bachelor of Conservation Ecology
MAJOR: Conservation Ecology

DEGREE: Bachelor of Science
MAJOR: Biology
MAJOR: Microbiology

MINORS: Biology
Conservation Ecology
Human Biology
Microbiology

A student may earn the Bachelor of Arts in biology or the Bachelor of Science through major studies in the Department of Biology. The Bachelor of Science in biology or microbiology is recommended for premedical and pre dental students, those preparing to teach biology and other sciences at the secondary and college levels, those interested in the numerous fields of biological research and applied biology, and those planning on obtaining an advanced degree in biology.

Freshmen should begin taking required biology and chemistry courses in their first year. Students are required to speak with an adviser in the Department of Biology as soon as they declare a biology major. The department welcomes students considering a biology major who wish preliminary advising. More information on the Department of Biology is available on our web site, <http://biology-web.nmsu.edu>

A student must earn a grade of C- or better to receive credit for any non-departmental or departmental requirement for any major or minor offered by the Department of Biology.

It is strongly recommended that students include a minor or supplementary course work in a specific discipline to enhance their academic experience. See under General Information at the beginning of this catalog specific requirements for, and departments which offer, a minor. Selection of a minor or a supplementary course work area should be done in consultation with an adviser.

The department offers minors in biology and microbiology for students in other disciplines. In addition, we offer minors in human biology and in conservation ecology, for biology and other majors.

DEGREE: Bachelor of Arts
MAJOR: Biology

The Bachelor of Arts curriculum is intended for students who desire a broad education with emphasis in biology in a program chosen by the student in consultation with an adviser. The Bachelor of Arts is recommended for those who plan to teach biology at the primary and secondary school levels or to use a background in life science in business or other endeavors.

Nondepartmental Requirements

CHEM 111-112, General Chemistry I, II.....	8
CHEM 211, Organic Chemistry, or CHEM 313, 314, 315, Organic Chemistry, I, II and Lab.....	4-8
MATH 142G, Applied Mathematics for Biological and Social Sciences I, or MATH 191, Calculus and Analytic Geometry I.....	3