

Arizona State University

2000–2001 Graduate Catalog

All colleges, schools, divisions, and departments establish certain academic requirements that must be met before a degree is granted. Advisors, directors, department chairs, and deans are available to help the student understand these requirements, but the student is responsible for fulfilling them. At the end of a student's course of study, if requirements for graduation have not been satisfied, the degree is not granted. For this reason, it is important for all students to acquaint themselves with all regulations, to be informed throughout their college careers, and to be responsible for completing requirements. Courses, programs, and requirements described in the catalog may be suspended, deleted, restricted, supplemented, or changed in any other manner, at any time, at the sole discretion of the university and the Arizona Board of Regents. The catalog does not establish a contractual relationship but summarizes the total requirements the student must currently meet before qualifying for a faculty recommendation to the Arizona Board of Regents to award a degree.

Arizona State University reserves the right to add, amend, or revoke, without notice, any of the materials—information, requirements, regulations—published in this catalog.

The catalog is also available on the Web at www.asu.edu/ aad/catalogs. Admissions information is available at www.asu.edu/graduate. Address requests for additional information to

GRADUATE ADMISSIONS OFFICE ARIZONA STATE UNIVERSITY PO BOX 871003 TEMPE AZ 85287-1003

Arizona Board of Regents' policy states that no employee, agent or institution under the jurisdiction of the Arizona Board of Regents shall discriminate against any student, employee, or other individual because of such individual's religious belief or practice or any absence thereof. Administrators and faculty members are expected to reasonably accommodate individual religious practices. A refusal to accommodate is justified only when undue hardship would result from each available alternative or reasonable accommodation. No administrator or faculty member shall retaliate or otherwise discriminate against any student, employee, or prospective employee because that individual has sought a religious accommodation pursuant to this policy.

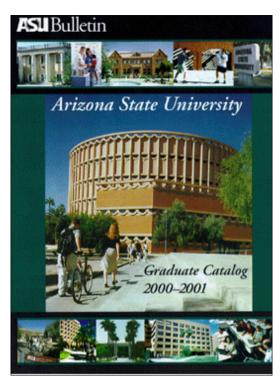
Arizona State University complies with the Family Educational Rights and Privacy Act of 1974 as amended.

ASU BULLETIN • (USPS 031-000) • Volume CXV • Number 4 • May 2000.

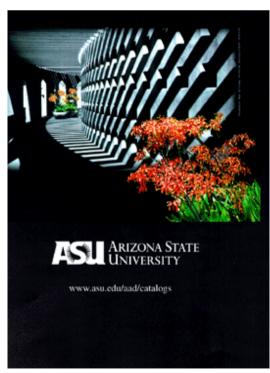
Published four times a year in January, March, April, and May by Arizona State University, Tempe, Arizona 85287. Periodical-class postage paid at Tempe, Arizona.

POSTMASTER: Send change of address to

ASU BULLETIN MAIL SERVICES ARIZONA STATE UNIVERSITY PO BOX 870710 TEMPE AZ 85287-0710



On the Front Cover / The Music Building, photographed by John MacIsaac, amid glimpses of the ASU Main campus and students. Photos clockwise from bottom right by (1) Doug Crouch; (2) Frank Chuang; (4, 9) John MacIsaac; (5) Michael Martin; and (7) Dave Tevis; all others by H. Val Peterson.



On the Back Cover / The Galvin Playhouse and the African aloe, as photographed by H. Val Peterson, are featured in one of a series of limited edition posters available at the ASU Bookstore. Proceeds support the ASU Arboretum.

The *Graduate Catalog* is produced, in conjunction with the Graduate College, by Academic and Administrative Documents under the Office of the Senior Vice President and Provost.

Academic and Administrative Documents

Director / Tabb Forster
Editor/Publisher / Steve Gobbell
Associate Editor / Dot DiRienzi
Assistant Editors / Thea Kuticka, John MacIsaac
Senior Office Specialist / Julie Zehring
Desktop Publishing Specialists / Jarrod Gold, Rebecca Howe,
Michael J. Martin
Graduate Research Assistant / Manish Jain

Graduate College Coordination

Editor / Kristen Nielsen
Associate Editor / Dennis Durband
Graphics Consultant / Marilyn Benedict
Editorial Consultants / Ann Butzow, Darshan Dawson,
Jeanne Fairbanks, Virginia Hunter, Noel Schaus

Web Coordination

Manager, Communications / Katty McIntosh Desktop Publishing Assistant / Auvie Lee

Graphic Design

Cover Design Jarrod Gold
Photo Selection / Jarrod Gold, Rebecca Howe, John MacIsaac,
Michael J. Martin, Julia Taber, Julie Zehring
Design Consultant / Albert L. Camasto

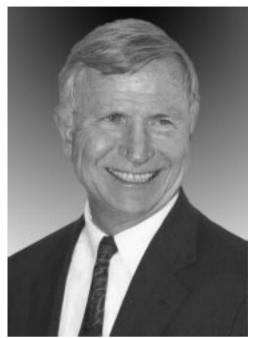
Printina

Von Hoffmann Graphics, Inc., Owensville, Missouri

Academic and Administrative Documents welcomes questions, suggestions, recommendations, and comments about the organization and format of the catalog. Please send them by electronic mail to aad@asu.edu, fax to 480/965-1853, or write to

CATALOG EDITOR ARIZONA STATE UNIVERSITY MAIN CAMPUS PO BOX 874805 TEMPE AZ 85287-4805

To discuss specific matters of catalog content, please contact the units responsible.



President Lattie F. Coor

Tim Trumble photo

Dear ASU Students and Prospective Students:

+ fl

I am pleased to welcome you to Arizona State University, a Research I university in one of the nation's fastest-growing metropolitan areas.

I am proud of the fact that ASU continues to advance rapidly as a major national research university. This accomplishment is reflected by the talented and diverse students and faculty we have attracted, our ability to deliver quality education, achievements in research and creative activities, and the richness in our cultural diversity. We are committed to excellence in research, teaching, and professional and community service, which are all essential components of a great and engaging university.

Arizona State University is noted for its outstanding resources and environment and for faculty characterized by their creative and scholarly distinction and innovation. As well, we seek ways to create educational partnerships with the community to enrich its intellectual life and enhance the professional tenor of our programs.

We will continue to strive for excellence and to encourage creative individuals to be curious and to think critically and boldly. It is an honor to invite you to be a part of the vigorous academic community at ASU.

Sincerely,

Lattie F. Coor President



Bianca L. Bernstein

Tim Trumble photo

I extend a warm welcome to new and continuing graduate students at Arizona State University. Our prominent leadership in many professional and scholarly areas is a distinct source of pride for our alumni and faculty. We offer 48 doctoral and 91 master's degree programs, supported by 1,600 faculty members, whose innovative teaching and ground-breaking research are recognized nationally and internationally.

The close collaboration of our programs with organizations in the private and public sectors fosters research and professional opportunities for our graduate students in the surrounding greater metropolitan area and beyond. As an integral part of our doctoral education, we emphasize professional development through our Preparing Future Faculty program, one of the first in the nation, and our new Preparing Future Professionals program for students headed toward nonacademic careers.

We are proud of our commitment to graduate education: to prepare our students to become scholarly and professional leaders in a new century marked by constant change, rapid technological advances, and rich traditions. Our partnership with ASU students provides a nurturing environment to enhance their intellectual and personal growth. Please call on us if we may be of assistance.

I wish you every success in the pursuit of your goals at Arizona State University.

S. Bernoten

Cordially,

Bianca L. Bernstein Dean of the Graduate College