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The University

One of today's leading centers of public higher education in the Northeast, the University of Massachusetts Amherst was established in 1863 under the original Land Grant Act. In recent decades it has achieved a growing reputation for excellence in an increasing number of disciplines, for the breadth of its academic offerings, and for the expansion of its historic roles in education, research, and public service. External funding for University research comes from a variety of sources, including the federal government, private industry, the state, and private foundations. Over 300 faculty members actively engage in sponsored research activities, and last year sponsored activities on the Amherst campus totalled over \$75 million.

Within its ten schools and colleges, the University offers bachelor's degrees in 87 areas, associate's degrees in six, master's degrees in 68, and the doctorate in 50. Ninety-three percent of the 1,155 full-time faculty hold the highest degree in their fields. There are approximately 23,600 students: 17,900 undergraduates, 5,400 graduate students, and 300 students at the Stockbridge School. The University prides itself on the diversity of its student body, and is committed to the principles of affirmative action, civility, equal opportunity, and the free exchange of ideas.

Located in the historic Pioneer Valley of Western Massachusetts, the 1,450-acre campus provides a rich cultural environment in a rural setting. The University is one of the founding members of the Five College cooperative program, offering reciprocal student access among the University and Amherst, Hampshire, Mount Holyoke, and Smith colleges.

The University of Massachusetts Amherst is the flagship campus of the Commonwealth's university system. There are three other undergraduate campuses, at Boston, Dartmouth and Lowell. The University's Worcester Medical Center includes the medical school and teaching hospital.

Activities at the five University campuses are complemented by outreach education, research, and service programs at sites throughout the Commonwealth, ranging from the Southeastern Massachusetts Agricultural Center in East Wareham to the Berkshire Medical Center in Pittsfield and the Small Business Development Center in Springfield.

For more information about the University of Massachusetts Amherst, read the general information prospectus available from the Admissions Office.

This Catalog

This catalog provides extensive information on the University's academic offerings. Liberal use of the index is suggested, as this catalog is **alphabetically arranged within specific schools, colleges, and other categories, rather than as a whole**. Attention is also directed to the explanatory text beginning the Courses section.

This catalog is primarily for entering undergraduate students, to whom it is made available without charge. Students already enrolled at the University may purchase copies of the catalog for a small fee in the University Bookstore and may consult copies of the catalog in the library, University Advising Center and the various other undergraduate advising offices across campus. It is intended to help them become familiar with current academic offerings in all areas, so they may make preliminary decisions concerning their own programs of study. Secondly, this catalog is for prospective students, to give them an initial acquaintance with the academic side of the University of Massachusetts Amherst, and it is for the use of the University's own faculty and staff, to serve as an informational link between the multitude of instructional parts that make up a great state university.

This catalog provides the most specific and timely information possible, to the extent that information was available nine months before the fall semester.

No attempt is made in this catalog to provide information on specific instructors, times and places of class meetings, etc. This information is to be found each semester in the official *Pre-Registration Guide* issued by the Scheduling Office. This catalog can serve a student or prospective student well in general planning of a program of study in one or more disciplines, but it cannot be the basis for final course selection. A student might select several courses from this catalog, only to discover on consulting the *Pre-Registration Guide* that they all have the same meeting times.

It is intended that this catalog focus on fall semester, 2001. The catalog is published annually.

Important. Intentionally omitted from this catalog are many courses in individual departments and programs offered by arrangement when the need arises under the following headings and course numbers: Seminars (191-195, 291-295, 391-395, 491-495, 591-595); Independent Study (196, 296, 396, 496); Special Topics (197, 297, 397, 497, 597); Practicum or Field Experience (298, 398), and Departmental/Senior Honors (498, 499). These special courses should be investigated through the department

concerned. Courses with these numbers have been included in this catalog in those instances in which specific information of student interest was provided.

Courses numbered above 599 (graduate level courses) are included only in instances in which the submitting department specifically states that undergraduates may enroll.

**PLEASE KEEP THIS CATALOG
FOR USE IN THE FALL.**

**ALL COURSES CARRY
THREE CREDITS
UNLESS OTHERWISE NOTED.**

NOTE: All telephone numbers provided in this catalog for units at the University's Amherst campus are Area Code 413.
