Introduction

The Computer Sciences Department at the University of Wisconsin-Madison offers graduate programs leading to the Master of Science degree and Doctor of Philosophy degree in Computer Sciences. This guidebook is intended for Computer Sciences graduate students who are developing programs leading to one of these degrees. The *Graduate School Bulletin* provides additional, essential information regarding general University requirements. The information in this guidebook should also be supplemented by individual consultation with the Graduate Advising Committee so that both your individual needs and interests, and all degree requirements, are met.

During the 1991 calendar year 66 B.S., 58 M.S., and 17 Ph.D. degrees were conferred by the Department. There are approximately 170 undergraduate majors and 240 graduate students in the Department. Graduate student support currently includes approximately 20 fellowships, 50 research/project assistantships, and 100 teaching assistantships.

The Department currently has 39 faculty members and another 12 affiliated with the Department. Areas of specialization in the Department include artificial intelligence, computer architecture, computer networks, database systems, distributed systems, mathematical programming, modeling and analysis of computer systems, numerical analysis, operating systems, programming languages, and theory of computation. A separate publication, the *Computer Sciences Department Research Review,* lists the faculty in the Department, active research projects, computing facilities, and recent technical reports and colloquia.