
Remedial procedures and intervention programs for language impaired children. S
Pre: CDIS 402

615 (2) Seminar: Speech Sound Disorders

Advances in basic research and practices as they pertain to speech sound problems. S
Pre: CDIS 438

616 (2) Seminar: Voice Problems

Advances in basic research and practice related to voice and resonance problems. S
Pre: CDIS 416

621 (3) Motor Speech Disorders

Apraxia and dysarthria of speech and dysphagia. Causes, assessment and management. S
Pre: CDIS 410

675 (2) Seminar: Selected Topics in Communication Disorders

Course content varies among speech disorders topics with each offering. Variable

677 (1-6) Individual Study

Advanced individual study in a specific area. All terms

694 (1-2) Alternate Plan Paper

All terms

695 (2) Clinical Practicum in Communication Disorders

Supervised delivery of clinical services.
Pre: admission to grad program and 25 hours of observation

698 (1-12) Internship

Pre: CDIS 692 and a minimum of 25 clinical hours. All terms

699 (3) Thesis

All terms

COMMUNITY HEALTH MS

*College of Allied Health and Nursing
Health Science Department
213 Highland North • 507-389-1527*

See **HEALTH SCIENCE**

COMPUTER SCIENCE MS

*College of Science, Engineering & Technology
Computer Science Department
273 Wissink Building • 507-389-2968*

Chair: Colin Wightman, Ph.D.

Gregg Asher, Ph.D., Cyrus Azarbod, Ph.D., David Haglin, Ph.D., Dean Kelly, Ph.D., Ann Quade, Ph.D., Richard Roiger, Ph.D., Hamed Sallam, Ph.D., Julio Sanchez, Ph.D., Susan Schilling, MA, James Slack,

Ph.D., Mahbubur Rahman Syed, Ph.D., Leon Tietz, Ph.D., Christophe Veltsos, Ph.D., Michael Wells, Ph.D.

The Master of Science degree in Computer Science program of study prepares the student for a career as a computer professional, yet offers enough flexibility to allow a student to design a course of study suitable for preparation for doctoral work in computer science. The program is designed to offer graduate level educational opportunities with an applied science perspective. It addresses the preservice as well as occupational and career advancement needs of baccalaureate prepared computer scientists. The program objectives are:

1. To address the needs of Minnesota's public and private enterprises by providing opportunities within the state of Minnesota for graduate study in applied computer science.
2. To provide a graduate degree program for practicing computer scientists who have clearly defined academic needs related to professional advancement and/or specialization.
3. To offer a graduate program for baccalaureate students who want to continue their education and gain specialized knowledge and skills in computer science. To expand the functional role of the Computer and Information Sciences Department in service to the Mankato area and the state of Minnesota.
4. These objectives are met by a curriculum with core studies in software and knowledge engineering and research methods. The core studies provide the foundation upon which students develop an academic program appropriate to their interests, culminating in a research experience.

Admission. In addition to meeting the general admission requirements of the College of Graduate Studies, successful applicants must meet the following requirements for admission:

1. The Graduate Record Examination (GRE) is required (contact department for specific requirements).
2. Applicants must have an undergraduate degree in computer science, computer information systems, management information systems or a related field. Students with other backgrounds will be granted provisional admission and required to complete undergraduate courses in core areas of computer science.

Financial Assistance. Teaching, Lab Project and Research Assistantships requiring professional computer knowledge are available in the CIS Department and various administrative offices. Deadlines are March 1 for fall and October 1 for spring.

COMPUTER SCIENCE MS
(Thesis Plan - 30 cr)