CSE in 2010

Undergraduate Academic Programs

CSE will strive to recruit a better qualified, higher achieving, and more diverse undergraduate student body. We will work towards this goal by: (1) focusing student recruiting and scholarship development efforts; (2) developing better relationships with 2-year MNSCU institutions; (3) increasing opportunities for international student experiences; (4) expansion of undergraduate engineering programs; and (5) developing new interdisciplinary degree programs. In particular, the College should explore opportunities in the applied health sciences, biotechnology, nanotechnology, scientific informatics, renewable energy, environmental science, and math and science education. CSE values and rewards effective teaching. Accurate, timely advising, aided in part by an electronic portfolio system, will continue to be a priority of the College.

Research and Graduate Programs

CSE will continue its nationally recognized leadership in undergraduate research. CSE will also establish a more prominent role for graduate education (M.S. and/or Ph.D.) for all CSE faculty, and substantially increase faculty productivity as measured by external research funding and scholarly activity. We will recruit faculty and graduate students with high research potential by providing competitive salaries, start-up packages, and stipends. We will maintain our regional and national leadership in freshwater research. A newly emerging theme in many sciences is the impact of advances in the biological sciences across many disciplines. We will explore new ways to integrate this emerging impact of biological sciences in all collegiate disciplines. These emphases on freshwater and biological themes may require new investments, which we are prepared to make.

CSE Administrative Services

CSE will provide increasing support to the technology needs of students and faculty, including the development of on-line and distance education alternatives for teaching where these are desired by faculty and appropriate. CSE will significantly increase development efforts throughout the college, and provide central support for science and engineering outreach activities. CSE will continue to play a major role in regional broad-based economic development activities.

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Approved by the CSE Assembly on 16 December 2004