CSCI Strategic Planning

Graduate Program

Program Potential: High

- <u>Rapid growth</u> projections
  - All our graduates absorbed by industry or further graduate study (e.g. Ph.D. programs)

- <u>Unique</u> program
  - <u>Only</u> MnSCU grad program in Computer Science

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Program Quality: High

- Student publications & presentations
  - Several students have published in internationally renowned peer-reviewed journals and conferences.
  - Many others publish & present at regional conferences & symposia

Program Quality: High

- <u>Demand</u> for graduates
  - Employers actively recruit our students for internships and employment

- Academic <u>Preparation</u>
  - Our graduates have no difficulty in going on to Ph.D. or other graduate programs.

Program Quality: High

- Notable example:
  - Two SCSU undergrads started a business in 2000.
    - A computer science MS student provided scarce skills to the company.
    - The company currently employs 60 people in St. Cloud.

Service to <u>Underserved</u> Students

- Program is designed to allow students from other disciplines to switch or augment careers

- Attracts international students

- Above-average ratio of women

SCSU Strategic Mission <u>alignment</u>

- Interdisciplinary Collaboration
  - Students have collaborated on interdisciplinary activities with faculty in Linguistics, Information Systems, Communication Disorders, Electrical Engineering, Math, CNA , Physics, and Educational Administration.
  - Students have worked with several IT companies during their stay at SCSU, favorably projecting our university and the quality of its programs.

CSCI MS program <u>attributes</u>

- Low cost -- shares courses with undergraduate programs

- MS students serve undergraduate offerings

- Supports research projects

- Graduates employed in computing or in further graduate study

- Close interaction with local businesses

- MS enrollments track undergraduate enrollments

Without a CSCI MS program

- Enrollment and revenue will drop

- Reduced resources for undergraduate courses threatens ABET accreditation

- Deserving students not served

- Research will decline

- Employers not served

- Undergraduates deprived of example of graduate student inspiration, scholarship, & work ethic

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