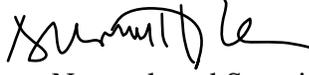**ILLINOIS STATE**
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November 12, 2012

TO: Daniel Holland, Chairperson, Academic Senate
FROM: Alberto Delgado, Director of the Graduate School
RE: Executive Summary – IT Proposals for a New Graduate Network and Security
          Management Sequence and for Deletion of the Information Assurance and Security
          Sequence and Network and Telecommunications Management Sequence

The Graduate Curriculum Committee has approved and is forwarding for Academic Senate
review the attached proposal to add a new Network and Security Management Sequence to the
Master's Degree in Information Systems. The GCC also approved the attached proposals for
deletion of two sequences from the Master's in Information Systems: the Network and
Telecommunications Sequence and the Information Assurance and Security Sequence.

The School of Information Technology provided the following description and rationale for the
addition of the new sequence and deletion of the two existing sequences:
• The current Information Assurance and Security Sequence does not afford students much
  experience with network technologies; similarly, the current Network and
  Telecommunications Management Sequence does not include much coverage of security
  topics. Given the interconnectedness of today's computer systems, an approach covering
  secure network design and management is needed.
• The new sequence will allow students to focus on secure network design, which the older
  sequences did not facilitate.
• The new sequence uses courses that are available in the Network and Telecommunications
  Management Sequence and the Information Assurance and Security Sequence. Since that
  sequence is being deleted, no new resources will be required.
• The new sequence will require two 400-level courses and allow students a wider range of
  electives in both networking and security.
• With the addition of the new sequence and the deletion of two existing sequences, there will
  now be four sequences in the Master's Degree in Information Systems.
• Sufficient seats in undergraduate and graduate Information Technology courses are expected
  to be available to accommodate the proposed changes.

The Graduate Curriculum Committee supports the proposal to add the new sequence and delete
the existing sequences as stated above.

jr
Attachments