

DATE: September 23, 2009

TO: Academic Affairs Committee

FROM: Denise Wilson, Chair, Graduate Curriculum Committee
Kimberly Nance, Associate Director Graduate Studies

RE: Executive Summary - New Sequence in the Master's Degree in Information Systems:
Enterprise Computing Systems

The new sequence offers students theoretical and practical grounding for work with mainframe-based integrated large-scale computing systems, helping to prepare students for an area that is likely to be in high demand among employers. Students who pursue the new sequence in this degree's thesis option will take ITK 330.05, 334.05 and 464. Students in the project option will also take either 331.05 or 332.05. Students in the coursework option take 330.05, 334.05, 464, 495 and either 331.05 or 332.05. Two of these are new courses: ITK 330.05 System Programming and Administration in Enterprise Computing Systems and ITK 464 Large-Scale Enterprise Computing Systems Integration Performance Evaluation. No new staffing will be required. Hardware, software, installation and upgrade support for this program have been donated by IBM, which also offers free faculty and staff training through their Academic Initiative Program. Enrollment in the sequence is projected to be approximately 4 for the first year, 12 for the second year, and 16 for each of the third, fourth, and fifth years.