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## Panel: IS 2010 – Major Changes in The Information Systems Curriculum

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# IS 2010 – MAJOR CHANGES IN THE INFORMATION SYSTEMS CURRICULUM

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## ABSTRACT

IS 2010- Curriculum Guidelines for Undergraduate Degree Programs in Information Systems has been compiled under the auspices of the Association for Computing Machinery and the Association for Information Systems. As stated in its executive summary, “This curriculum revision represents an effort to re-evaluate the core principles of the discipline through a very careful specification of the degree learning outcomes.”

Indeed, the curriculum has outlined a substantial redirection of the information systems degree. It focuses much more heavily on improving organizational processes and viewing information systems in an enterprise interpretation. Technical knowledge and skills are still present but receive far less emphasis. Other topics, such as enterprise architecture, are introduced for which no current text is available. Implementing the 2010 core course curriculum could well change the learning objectives of a school’s information systems degree.

The panelists will briefly describe the 2010 curriculum and compare it to the 2002 curriculum. Core classes will be evaluated using Bloom’s taxonomy for levels of knowledge. The 2010 curriculum will be evaluated for how it supports the IS major, specializations within the major, and an IS minor. The second half of the panel will be devoted to questions and answers between the panelists and the audience.

## Keywords

IS 2010 curriculum, core IS courses, IS program goals

## OUTLINE

We expect an audience of 12 to 15 mainly composed of participants active in curriculum development at their schools. The first 30 minutes of the panel will be presentations by the panelists.

- the 2010 curriculum and changes from the 2002 curriculum
- review of the knowledge level implications for the 2010 curriculum (versus the 2002 curriculum) using Bloom’s levels of knowledge
- possible implications that a school’s IS major program goals would be changed by the adoption of the 2010 curriculum - implications for assessment (assurance of learning)

The final 30 minutes would be discussion between panelists and the audience on the 2010 curriculum and its implications for the IS major. The discussion will follow the leads from the audience. The following questions will begin the discussion phase.

- Do the learning objectives in the 2010 core courses match the learning objectives in your IS program?
- Will your department need to focus on a limited number of IS career paths to implement 2010?
- How does the 2010 curriculum fit within your department’s assessment procedures/plans?

## REFERENCES

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