Proposed Curriculum Changes for 2006-07

• **Primary issue**: get introductory database content into required courses

• **Recommendation**: for 2006-07 only
  – Deliver 3201, 3202 unchanged in Fall
  – Modify 4203 Spring semester so first half is database content, second half networking – eliminating .net application development
  – Notify students during Fall of the change and reasons for the change
Proposed Long-term structure for IS undergraduate curriculum
3/15/06 by Alok, Dave, Gedas, Gordon, Sharon, Weidong

IS Core

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3001 (3cr)
Serves as a gateway

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IS required

320w (2cr)
Intro to Programming

320x (2cr)
Intermediate Programming

320y (2cr)
Intro to DB/SQL

320z (2cr)
Networking/telecomm

3202 (4cr) (open to all)
Analysis & Project mgmt (single project)

4204 (2 or 4cr?) (open to all)
Mgmt of IS

IS Elective
(all 2cr, 7-week)

Current
4421 – Financial IS/T
4431 – Adv DB design
4441 – E commerce
4461 – Data warehousing
4490 – Accounting IS
4490 – Security

Other possible elective topics
4490 -- OO/UML/data modeling
4490 -- integration mgmt, vendor mgmt, enterprise systems
4490 – Project Mgmt
4490 – Advanced Programming
- BI (data warehouse/mining)
- DSS and mgmt decision making
- Knowledge mgmt

Notes
1. 3201 unchanged except split into 320w and 320x to emphasize advanced content
2. 4203 effectively vanishes; temporary change in Spring 07 made permanent with 320y, 320z
3. The 2cr required courses (except 320x) are relatively independent permitting some scheduling flexibility, perhaps waivers
Proposed Long-term structure for IS undergraduate curriculum
Proposed Electives

• Current
  – 4421: Financial IS/T
  – 4431: Adv DB design
  – 4441: E commerce
  – 4461: Data warehousing
  – 4490: Accounting IS
  – 4401: Information Security

• IS Major Focus
  – 4431: Adv DB Design
  – **4461: Business Intelligence**
  – 4401: Information Security
  – **4490: Advanced Programming**

• IT IS for Everyone
  – 4441: E commerce
  – 4421: Financial IS/IT
  – **4490: Enterprise Systems**
  – 4490: Accounting IS
  – **4490: DSS & Mgmt Decision Making**
  – **4490: Governance and IT/IS Design**
  – **4490: IT/IS Controls**

* Identified as Growth Areas / Interest from Accounting, Finance and HRIR