

Enterprise Systems (IDSc 3104) Draft for discussion

2/28/2012

Presumptive direction

Enterprise Systems

Class look-and-feel?

Business process-oriented and hands-on
Supports CSOM & SAP's educational mission

Learning objectives?

See course outline

SAP relationship?

SAP Academic Alliance: apply for membership (granted, 2/16)
Benefits: SAP licensing (without cost), SAP hosting (cost \$8000/year), faculty training (without cost except travel)

Course integration into undergraduate MIS curriculum?

- **Majors:** requirements stable @ 22 required + 4 elective credits
- **How?**
 - Repurpose Infrastructure course (IDSc 3104)
 - Move relevant Infrastructure content into IS Management (IDSC 4204W)
- **Minors:** additional elective
- **NonMIS students:** expect strong interest from other majors

When to start?

As soon as practical (Fall 2012 B Term = Oct 2012), continuing every semester

SAP educational mission

The SAP University Alliances program assists colleges and universities to effectively integrate SAP resources into their curriculum.

- > We do not support training efforts
 - one of the tests that a plan must pass is a determination that the courses [is] in fact, **educational in nature** and not training.
 - [another] test ... is **whether or not the course, as described and advertised, could be offered with any ERP system**. In other words, Principles of Accounting Information Systems may be a course that is using SAP's Business Suite to demonstrate controls but other software could be used and the course can still be offered without an entire overhaul of the course description.
- > If new courses are created...
 - we prefer to see courses like ERP Systems [or] Business Process Integration ... instead of SAP Systems [or] SAP Business Processes

from SAP University Alliance Planning Guide

SAP curriculum support example

UA Course Library	▼
Accounting and Finance	○
Business Intelligence	○
Business Process Management	▼
ERP Introduction	○
Advanced Topics	○
Computer Science and IT	○
Entrepreneurial Studies	○
Human Capital Management	○
Marketing	○
Operations / Supply Chain Management	○

BPM: ADVANCED TOPICS
CURRICULUM MATERIALS: MEMBERS ONLY

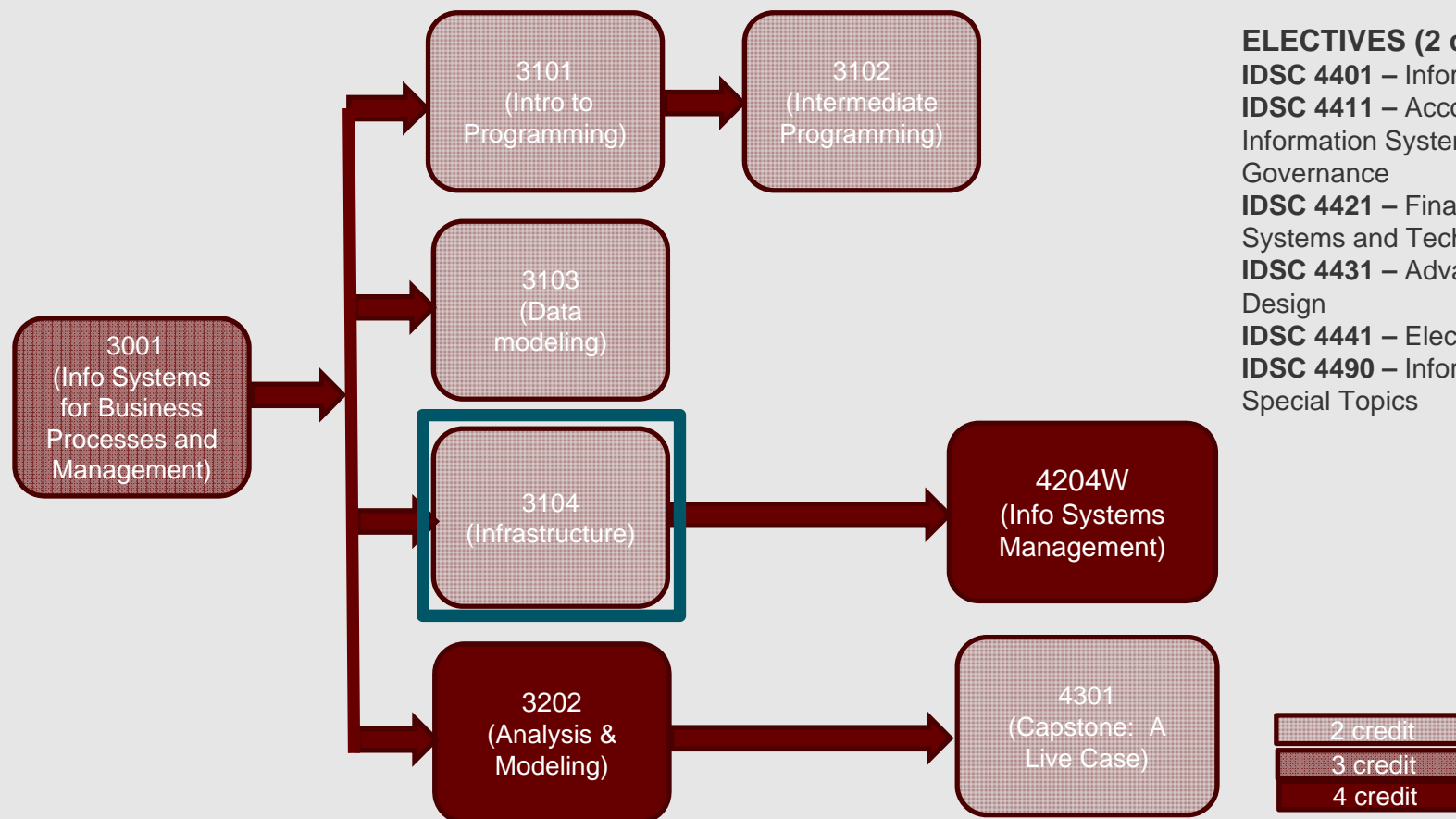
Below you will find advanced BPM curricula and supplements that have been developed for University Alliances program (UAP) member professors and lecturers. To access all Business Process Management materials visit the main [Business Process Management Library Discipline](#) page.

Content includes:

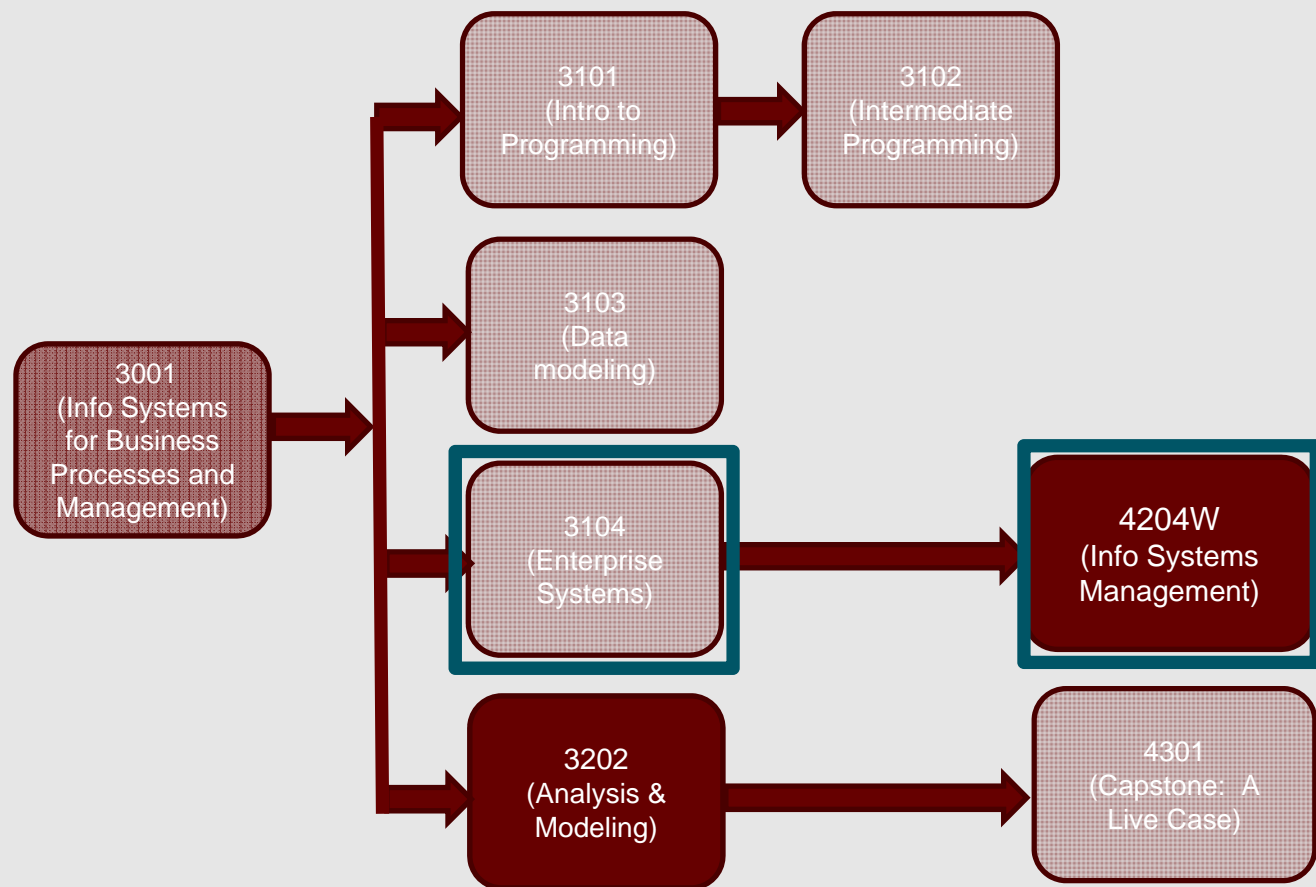
- [Business Process Integration I - Latin America \(BPI I\)](#)
- [Business Process Integration I - North America \(BPI I\)](#)
- [Business Process Integration II - North America \(BPI II\)](#)
- [ERP Business Simulation Game: Manufacturing Scenario](#)
- [ERP Business Simulation Game: Distribution Scenario](#)
- [Fitter Snacker Configuration](#)
- [Quazi Computers Configuration Case](#)
- [RF Clothing Curriculum](#)
- [SOA Experience Workshop](#)

<http://www.sdn.sap.com/irj/uac/>

Curriculum (as is)



Curriculum (to be)



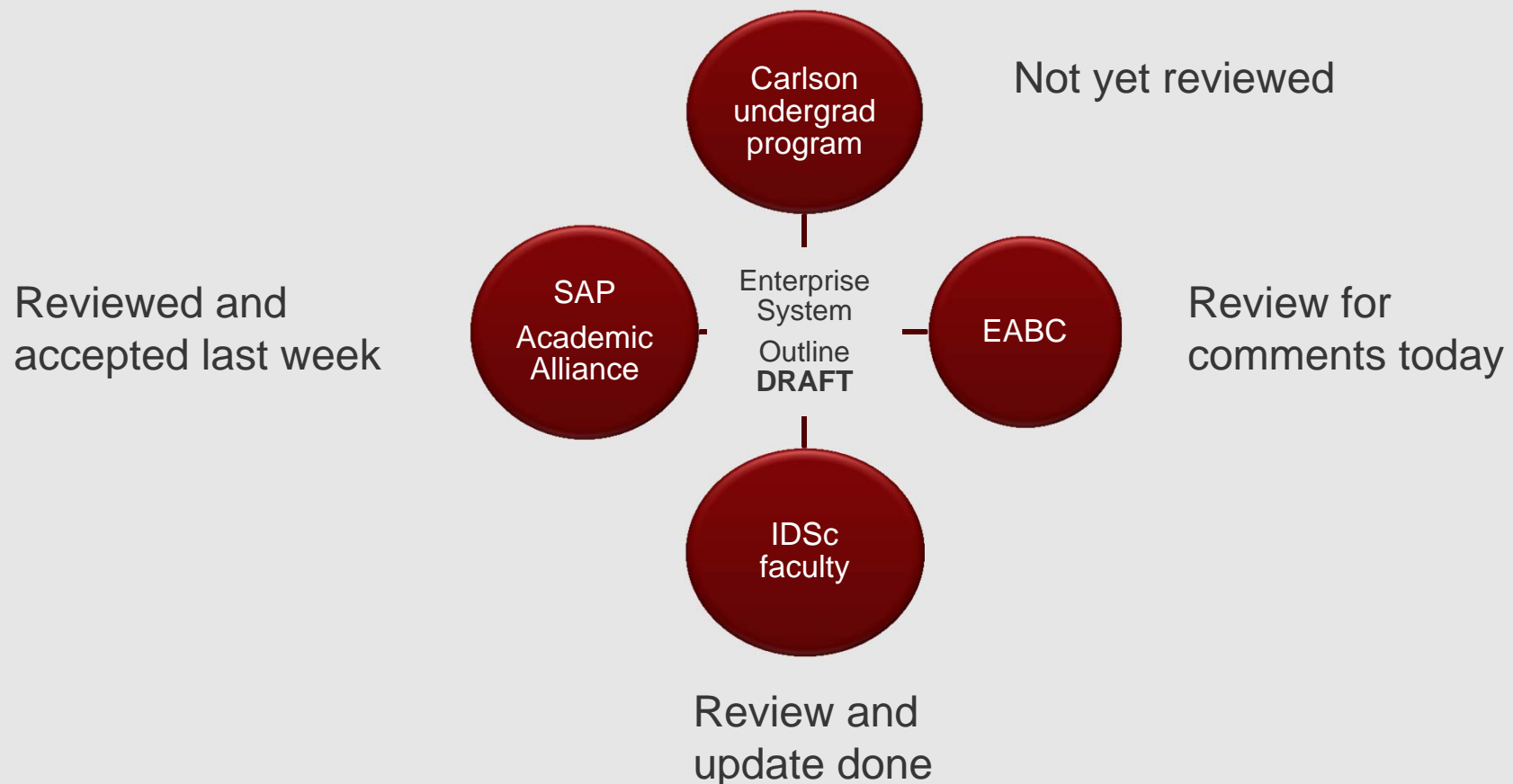
ELECTIVES (2 credit each)

- IDSC 4401 – Information Security
- IDSC 4411 – Accounting Information Systems and IT Governance
- IDSC 4421 – Financial Information Systems and Technologies
- IDSC 4431 – Advanced Database Design
- IDSC 4441 – Electronic Commerce
- IDSC 4490 – Information Systems Special Topics

Coverage of Infrastructure topics

OLD Description (3104 Syllabus)	NEW Description	Where covered
Overview of Infrastructure: scope, models		
Storage Technology and Management	Storage (Cloud, Data center)	Enhanced in IDSc 4204W
Database Management	Database Management	Exists in IDSc 3103
Telecommunications		
Intro to the Internet (TCP/IP, Switching, Routing, Internet organization)	Internet protocols, standards	Moved to IDSc 4204W
Network Applications (wireless, cellular, satellite)	Mobile	Enhanced in IDSc 4204W
Security & Identity Management	Security	Exists in IDSc 4204W
Management of IT and business concerns	IT/IS strategy (roles, capabilities, and structure)	Exists in IDSc 4204W

Obtaining stakeholder input



Next steps

- > Obtain EABC feedback
- > Resolve administrative questions ('can I retake 3104?')
- > Sign contracts
 - > Licensing (SAP)
 - > Hosting (UW-Milwaukee)
- > Complete faculty orientation & required training
- > Develop detailed syllabus