Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

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Proposing Department/Unit MIS and Decision Sciences	Phone 357-5773

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. **Course Proposals (check all that apply)**
   _____New Course   _____Course Prefix Change   _____Course Deletion

   _____Course Revision   __X__Course Number and/or Title Change   __X__Catalog Description Change

   IFMG450 Database Theory and Practice

Current Course prefix, number and full title	*Proposed course prefix, number and full title, if changing*
	IFMG 390

2. **Additional Course Designations: check if appropriate**
   _____ This course is also proposed as a Liberal Studies Course.   _____ Other: (e.g., Women's Studies,
   _____ This course is also proposed as an Honors College Course.   Pan-African)

3. **Program Proposals**
   _____Catalog Description Change   _____Program Revision

   _____New Degree Program   _____Program Title Change   _____Other

   _____New Minor Program   _____New Track

Current program name	*Proposed program name, if changing*

4. **Approvals**

			Date
Department Curriculum Committee Chair(s)	Dr. Kustim Wibowo, Co-Chair	*signature*	3/11-09
	Dr. Pankaj Pankaj, Co-Chair	*signature*	3/11-09
Department Chair(s)	Dr. Kustim Wibowo	*signature*	3/11-09
College Curriculum Committee Chair	Dr. Geoffrey Tickell	*signature*	3/29/09
College Dean	Dr. Robert Camp	*signature*	4/6/09
Director of Liberal Studies *			
Director of Honors College *			
Provost *			
Additional signatures as appropriate: (include title)			
UWUCC Co-Chairs	Gail S. Sechrist		9/8/09

* where applicable

Received

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Liberal Studies

Revision Summary:

1. Course number revision for IFMG450 Database Theory and Practice from IFMG450 to IFMG390.
2. Prerequisite revision for IFMG390 Database Theory and Practice from [IFMG-230 or COSC-220] to [IFMG-210 or IFMG-230 or COSC-220].

Part II.   Description of Curriculum Change

1. Current Catalog description:

   IFMG 450 Database Theory and Practice   **3c-0l-3cr**
   Prerequisites: IFMG 230 or COSC 220
   Reviews database design, data model methodologies, physical data structure, and database development and implementation. The remote data service, transaction server, and database administration are introduced. Emphasizes the practical approach in accessing the database using Internet technology.

2. Proposed Change

   IFMG 390 Database Theory and Practice   **3c-0l-3cr**
   Prerequisites: IFMG210 or IFMG 230 or COSC 220
   Reviews database design, data model methodologies, physical data structure, and database development and implementation. The remote data service, transaction server, and database administration are introduced. Emphasizes the practical approach in accessing the database using Internet technology.

3. Justification/Rationale

   a. For number change
   This course is normally taken by most students in their junior year. The number change better reflects the level at which the course is targeted and is taken.

   b. For prerequisites change
   IFMG 390 (formerly IFMG 450) teaches covers Structured Query Language (SQL) to students. SQL is a 4th generation language (4GL) which is more intuitive as supposed to 3rd generation programming languages (3GL) like JAVA. Students need to have basic introduction to programming which they can get in either IFMG 210 or IFMG 230 or COSC 220. In addition relaxing this pre-requisite gives more flexibility to the MISDS department in scheduling its courses.

   c. Course Content and Delivery:
   The revision will not alter any course content, objectives, or delivery. The course will be delivered thoroughly and completely as proposed in the course syllabus of record.

Part III: Letter of Support

   N/A the undergraduate course is housed in the same department.