Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

| Contact Person(s) Micki Hyde | Email Address micki.hyde@iup.edu |
| Proposing Department/Unit MIS AND DECISION SCIENCES | Phone 724-357-7780 |

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

1. Course Proposals (check all that apply)

☐ New Course ☐ Course Prefix Change ☐ Course Deletion

☐ Course Revision ☐ Course Number and/or Title Change ☐ Catalog Description Change

Current course prefix, number and full title: _____

Proposed course prefix, number and full title, if changing: _____

2. Liberal Studies Course Designations, as appropriate
This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

☐ Learning Skills ☐ Knowledge Area ☐ Global and Multicultural Awareness ☐ Writing Across the Curriculum (W Course)

☐ Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)

☐ Global Citizenship ☐ Information Literacy ☐ Oral Communication

☐ Quantitative Reasoning ☐ Scientific Literacy ☐ Technological Literacy

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3. Other Designations, as appropriate

☐ Honors College Course ☐ Other: (e.g. Women's Studies, Pan African)

4. Program Proposals

☐ Catalog Description Change ☑ Program Revision ☐ Program Title Change ☐ New Track

☐ New Degree Program ☐ New Minor Program ☐ Liberal Studies Requirement Changes ☐ Other

Current program name: BACHELOR OF SCIENCE - MANAGEMENT   INFORMATION SYSTEMS

Proposed program name, if changing: _____

5. Approvals

	Signature	Date
Department Curriculum Committee Chair(s)	Micki Hyde	3-5-14
Department Chairperson(s)	Panhui	3-11-2014
College Curriculum Committee Chair	Jutta Whitk	4-7-14
College Dean	Mr C Comp	F-7-14
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)	Timmy S. Maveland (mi)	4/10/14
Additional signature (with title) as appropriate		
UWUCC Co-Chairs	Gail SSechrist	4/15/14

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Liberal Studies

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Part II. Description of Curriculum Change

Catalog description for the revised program in the appropriate form. This includes both the decision about the program and the list of courses and credits for the revised program.

Bachelor of Science—Management Information Systems
Liberal Studies: As outlined in Liberal Studies section with the **49-50**
following specifications:
Mathematics: MATH 115 [1]
Social Science: ECON 121, PSYC 101
Liberal Studies Electives: 9cr, BTED/COSC 101, ECON 122,
MATH 214 [2], no courses with IFMG prefix
College: Business Administration Core **33**
Required Courses:
ACCT 201 Accounting Principles I (3cr)
ACCT 202 Accounting Principles II (3cr)
BLAW 235 Legal Environment of Business (3cr)
BTST 321 Business and Interpersonal Communications (3cr)
FIN 310 Fundamentals of Finance (3cr)
IFMG 300 Information Systems: Theory and Practice (3cr)
MGMT 310 Principles of Management (3cr)
MGMT 330 Production and Operations Management (3cr)
MGMT 495 Business Policy (3cr)
MKTG 320 Principles of Marketing (3cr)
QBUS 215 Business Statistics (3cr)

Major: Management Information Systems **21**
Required Courses:
IFMG 210 Introduction to Front-End Business Applications (3cr)
IFMG 230 Introduction to Back-End Business Applications (3cr)
IFMG 250 Business Systems Technology (3cr)
IFMG/COSC 352 LAN Design and Installation (3cr)
IFMG 390 Database Theory and Practice (3cr)
IFMG 460 Analysis and Logical Design (3cr)
IFMG 475 Project Management and Implementation (3cr)
Controlled Electives: [3] **6**
Select any three courses from the following categories:
Software Development: COSC 110, 300, 304, 310, 344, 345, 362, IFMG 330
Networks and Cybersecurity: COSC 316, CRIM 321, 323, COSC/IFMG 354, 368, 382, IFMG 480
Database and Decision Support: IFMG 455, 465, QBUS 380, 401, 481
Special Topics, Internships, and Seminars: IFMG 481, 485, 493
Free Electives: **6-8**
Total Degree Requirements: **10-11**

(1) MATH 115 or 121 or 123.
(2) MATH 214 or 216 or 217.
(3) A student may choose to fulfill all 6cr of controlled elective requirements through one or more internship(s).

1. Summary of changes:
   a. Table comparing Current Program and Proposed Program

Current Program	Proposed Program
Program/Track: <u>B.S. Management Information Systems</u>	Program/Track: <u>B.S. Management Information Systems*</u>
Liberal Studies: As outlined in Liberal Studies section With the following specifications **49-50** **Mathematics:** MATH 115 (1) **Social Sciences:** ECON 121, PSYC 101 **Liberal Studies electives:** 9cr, BTED/COSC/IFMG 101, ECON 122, MATH 214 (2), no courses with MGMT prefix.	**Liberal Studies:** As outlined in Liberal Studies section With the following specifications **49-50** **Mathematics:** MATH 115 **Social Sciences:** ECON 121, PSYC 101 **Liberal Studies electives:** 9 cr, BTED/COSC/IFMG 101, ECON 122, MATH 214, no courses with MGMT prefix.
College: **Business core (all 3 cr)** **33** ACCT 201 Accounting Principles I ACCT 202 Accounting Principles II BLAW 235 Legal Environment of Business BTST 321 Business and Interpersonal communications FIN 310 Fundamentals of Finance IFMG 300 Information Systems: Theory and Practice MGMT 310 Principles of Management MGMT 330 Production and Operations Management MGMT 495 Business Policy MKTG 320 Principles of Marketing QBUS 215 Business Statistics	**College:** **Business core (all 3 cr)** **33** ACCT 201 Accounting Principles I ACCT 202 Accounting Principles II BLAW 235 Legal Environment of Business BTST 321 Business and Interpersonal communications FIN 310 Fundamentals of Finance IFMG 300 Information Systems: Theory and Practice MGMT 310 Principles of Management MGMT 330 Production and Operations Management MGMT 495 Business Policy MKTG 320 Principles of Marketing QBUS 215 Business Statistics
Major: Management Information Systems (1) **Required Courses:** **21-22** IFMG 210 Introduction to Front-End Business Applications (3cr) IFMG 230 Introduction to Back-End Business Applications or (3cr) COSC 220 Applied Computer Programming (4cr) IFMG 250 Business Systems Technology (3cr) IFMG/COSC 352 LAN Design and Installation (3cr) IFMG 390 Data Base Theory and Practice (3cr) IFMG 460 Analysis and Logical Design (3cr) IFMG 475 Project Management and Implementation (3cr)	**Major: Management Information Systems (1)** **Required Courses:** **21** IFMG 210 Introduction to Front-End Business Applications (3cr) IFMG 230 Introduction to Back-End Business Applications (3cr) IFMG 250 Business Systems Technology (3cr) IFMG/COSC 352 LAN Design and Installation (3cr) IFMG 390 Data Base Theory and Practice (3cr) IFMG 460 Analysis and Logical Design (3cr) IFMG 475 Project Management and Implementation (3cr)
Controlled electives: (all 3 cr): (3) **9** Three courses from the following: *Software Development:* COSC 110, 300, 304, 310, 344, 345, 362, IFMG 330 *Networks and Cybersecurity:* COSC 316, CRIM 321, 323, COSC/IFMG 354, IFMG 368, 382, 480 *Database and Decision Support:* IFMG 455, 465, QBUS 380, 401, 481 *Special Topics, Internships, and Seminars:* IFMG 481, 485, 493	**Controlled electives: (all 3 cr):** **6** Two courses from the following: *Software Development:* COSC 110, 300, 304, 310, 344, 345, 362, IFMG 330 *Networks and Cybersecurity:* COSC 316, CRIM 321, 323, COSC/IFMG 354, IFMG 368, 382, 480 *Database and Decision Support:* IFMG 455, 465, QBUS 380, 401, 481 *Special Topics, Internships, and Seminars:* IFMG 481, 485, 493
Free electives: **7-8**	**Free electives:** **10-11**
Total Degree Requirements: **120**	**Total Degree Requirements:** **120**
(1) MATH 115 or 121 or 123. (2) MATH 214 or 216 or 217. (3) A student may choose to fulfill all 9cr of controlled elective requirements through one or more internship(s).	

b. List of all associated course changes (new or revised courses, number, title, or description changes, and deletions).

There are no new courses in these proposed changes.

2. Rationale for Change.

   a. The Controlled Electives have been decreased from 9 credits to 6 credits per Board Of Governors Policy 1990-06-A as addressed in Provost Moerland's Memo to all Academic Deans and dated August 28, 2013 (attached).

   b. The Free Electives section has been increased accordingly from 7-8 credits to 10-11 credits.

   c. "COSC 220: Applied Computer Programming", has been dropped from the list of required courses for the MIS major due to the fact that it is a 4 credit course and its inclusion takes the number of credits for the major to more than 60 credits. The course will still be accepted on a needed basis as a Controlled Elective in case a student decides to take the course for his/her knowledge/skill-enhancement.

Part III. Implementation. Provide answers to the following questions:

1. How will the proposed revision affect students already in the existing program?

   The proposed revisions will have no effect on students already in the program.

2. Are faculty resources adequate? If you are not requesting or have not been authorized to hire additional faculty, demonstrate how this course will fit into the schedule(s) of current faculty.

   Since these proposed revisions do not involve additional coursework, will not adversely affect the existing situation.

3. Are other resources adequate? (Space, equipment, supplies, travel funds)

   Other resources are adequate.

4. Do you expect an increase or decrease in the number of students as a result of these revisions? If so, how will the department adjust?

   No increase or decrease in the number of students is expected as a result of these revisions.

Part IV. Periodic Assessment

Departments are responsible for an on-going review of curriculum. Include information about the department's plan for program evaluation:

1. Describe the evaluation plan. Include evaluation criteria. Specify how students input will be incorporated into the evaluation process.

   Since this is simply a revision of an existing program (an increase in existing courses), the same due diligence regarding review and evaluation will continue. That is, the ECOBIT Business Advisory Council, the MIS/DS Advisory Council, other members of the management information system profession, and MIS/DS alumnae will be consulted regularly for review of our major program. This department, as all Business departments, follows the Assessment of Learning evaluation system implemented to meet all AACSB (Association to Advance Collegiate Schools of Business) requirements for assessing the courses' learning objectives. Also, the department follows the university's protocol for student evaluations, peer evaluations, chair evaluations, and 5-year evaluations. Therefore, we are evaluating instructors/professors, courses, course objectives, and the program on an on-going and continual basis to meet university, college, and AACSB requirements.

2. Specify the frequency of the evaluations.

   External observations and evaluations from the Business Advisory Council occur at least once a year during our annual meetings. Faculty and student input/feedback are continuous. Because of the revisions to the requirements for candidacy and graduation, we will monitor enrollments, graduation rates, and student evaluations closely during the coming semesters.

3. Identify the evaluating entity.

   All course, curriculum and program issues are handled by the MIS/DS Faculty Curriculum Committee with input from faculty, students, administration and professionals.

Part V. Course Proposals

   Course proposals for any new courses added, revised, or deleted as a result of this program revision. A course analysis questionnaire and syllabus must be included for each course.

   There are no new courses included in the proposal.

Part VI. Letters of Support or Acknowledgement

Sign-off letters from interested or affected departments including a letter from the Liberal Studies Committee if appropriate.

The proposal will not affect other departments. A letter of support from Dr. William W Oblitey, Chair of the IUP CS Department is attached supporting the removal of COSC 220 from the list of required MIS major courses,

Pankaj (PC)

From:	William W Oblitey <oblitey@iup.edu>
Sent:	Tuesday, March 11, 2014 2:40 PM
To:	Pankaj (PC)
Subject:	Re: Removal of COSC 220 as MIS Major Requirement

Importance:	High

Hi Pankaj,
Computer Science supports your decision not to require our COSC 220 course. However, if any of your students is interested in taking the course on their own, they will be more than welcome.
-Bill Oblitey

On Tue, 11 Mar 2014 10:52:36 -0400
 "Pankaj \(PC\)" <pankaj@iup.edu> wrote:
> Dr. Oblitey,
>
> We have a mandate for PASSHE that major courses cannot be more than
>60
> credits (this is as per Board of Governors Policy 1990-06-A attached
>to this email).
>
> At this time, we officially have COSC 220 which is 4 credits as an
>alternative for IFMG 230. This takes the total number of major credits
>to 61. I am requesting a letter of support to remove COSC 220 from
>the list of courses for MIS Major requirement. This will keep our
>total number of credits for Major at 60.
>
> We will still accept COSC 220 on case by case basis but if we leave it
>in, it will appear in the catalog as 60-61 credits which will violate
>the policy.
>
> If you have any questions/concerns kindly let me know at your earliest
>convenience.
>
> Thanks and Regards
> Pankaj
>
> ***
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