

Form NP

NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): Missouri Western State University

Program Title: Information Technology Management

Degree/Certificate: Master of Applied Science (MAS)

Options: None

Delivery Site(s): Main Campus, Missouri Western State University

CIP Classification: 11.0103 Information Technology

Implementation Date: Immediate upon CBHE approval

Cooperative Partners:

Expected Date of First Graduation: May, 2011

AUTHORIZATION

August 9, 2010

Name/Title of Institutional Officer

Signature

Date

Cynthia Heider, Associate Provost

Person to Contact
for More Information

Title

Telephone

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Form SE

STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full Time	6	6	6	6	6
Part Time	1	1	1	1	1
Total	7	7	7	7	7

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PROGRAM STRUCTURE

A. Total credits required for graduation: 33

B. Residency requirements: N/A

C. General education: Total credits: N/A

D. Major requirements: Total credits: 36

COM501	Professional and Organizational Communication	3
MGT503	Organizational Theory	3
MKT505	Strategic Marketing	3
ECO507	Managerial Economics	3
MAT609	Technical Analysis for Decision Making	4
MAS695	Graduate Colloquium	2
CSC605	Software Implementation and Integration	3
CSC620	Advance Network and Network Administration	3
CSC640	Network Information Systems Security	3
CSC694	Professional Project I	3
CSC695	Professional Project II	3

E. Free elective credits: 0 (Sum of C, D, and E should equal A.)

F. Requirements for thesis, internship or other capstone experience: All students must complete the multidisciplinary capstone MAS695 Graduate Colloquium course. Students must also complete 6 credit hours of professional projects for graduation.

G. Any unique features such as interdepartmental cooperation: This degree shares 18 credit hours with other MAS degrees offered or proposed. These courses focus on the integration of business and communication skills into the information technology skills. All together, 6 different departments are involved in course offerings.

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PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name: Missouri Western State University

Program Name: Information Technology Management

Date: July, 2010

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

Overview

- The primary purpose of this new degree proposal is to take an existing option area in an approved degree (MAS in Applied Science: Information Technology Management) and make it a free standing degree.
- There are no curriculum changes being proposed. The new degree will be identical to the existing option. The Program of study form for the existing option is attached.
- The motivation for this change is to provide a unique CIP code for each option area to enhance recruiting of international students. Several of the options will have new CIP codes that qualify as engineering, or math (STEM) degrees for the purpose of approving a 17-month STEM extension of optional practical training (OPT) under the provisions of 8 CFR 214.2(f)(10)(ii)(C).
- Separation of these options into separate degrees will also allow several of the options to be classified as "Professional Masters Degrees" by the Council of Graduate Schools Professional Science Masters Association.

Student Preparation

- This program requires a minimum GRE score and a background in Computer Science, Computer Information Systems, Business, or another area related to Information Technology Management.

Faculty Characteristics

- Only PhD qualified faculty or recognized experts with substantial industry experience will teach courses in this degree.
- Missouri Western spent 3 years searching for the most qualified faculty for this program.
- We expect all or nearly all courses to be taught by full-time faculty.
- Faculty in this program are expected to be active scholars in the Information Technology fields. Faculty are expected to maintain consulting relationships in the community and region.

Enrollment Projections

- Currently, we have had 5 graduate students, and have admitted 5 students for Fall 2010. We expect to maintain an average of 6-8 students per semester from now on.

Student and Program Outcomes

- We expect to average 3-5 graduates per year.
- In terms of enrollment, with the ever-increasing technological advancements impacting government, business and industry in the state of Missouri and nationwide, significant growth is expected in the computer-related job field. Thus, the demand for IT managers will increase as well.
- The program has gained attentions from international students. We have one international student, and have received 8 international applications for the Fall 2010.
- Students will gain skills extensively in network security, network administration, and integration of heterogeneous IT resources. They are prepared to be managers in the IT area from a technological viewpoint as opposed to the traditional MBA viewpoint.