



## New Program Report

**Date Submitted:**

06/28/2019

**Institution**

Missouri State University

**Site Information**

**Implementation Date:**

8/19/2019 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Missouri State University, 901 South National, Springfield, MO, 65897

**CIP Information**

**CIP Code:**

110501

**CIP Description:**

A program that prepares individuals to apply programming and systems analysis principles to the selection, implementation, and troubleshooting of customized computer and software installations across the life cycle. Includes instruction in computer hardware and software; compilation, composition, execution, and operating systems; low- and high-level languages and language programming; programming and debugging techniques; installation and maintenance testing and documentation; process and data flow analysis; user needs analysis and documentation; cost-benefit analysis; and specification design.

**CIP Program Title:**

Computer Systems Analysis/Analyst

**Institution Program Title:**

Business Analysis

**Degree Level/Type**

**Degree Level:**

Bachelor's Degree

**Degree Type:**

Bachelor of Science

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

Current Mode of Delivery

Classroom

Student Preparation



## New Program Report

Special Admissions Procedure or Student Qualifications required:

None.

Specific Population Characteristics to be served:

None.

### Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

A Master's degree in the field of teaching

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

80%

Expectations for professional activities, special student contact, teaching/learning innovation:

None.

### Student Enrollment Projections Year One-Five

Year 1	Full Time: 18	Part Time: 2	
Year 2	Full Time: 36	Part Time: 4	
Year 3	Full Time: 54	Part Time: 6	Number of Graduates: 10
Year 4	Full Time: 72	Part Time: 8	
Year 5	Full Time: 90	Part Time: 10	Number of Graduates: 15

### Percentage Statement:

n/a

### Program Accreditation

Institutional Plans for Accreditation:

AACSB accreditation

### Program Structure

#### Total Credits:

121

#### Residency Requirements:

Please see attached.

#### General Education Total Credits:

45

#### Major Requirements Total Credits:

76

#### Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
165	3	Principles of Microeconomics

#### Free Elective Credits:

0



## New Program Report

### Internship or other Capstone Experience:

See attached.

### Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus, CBHE-approved service region or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program within the geographically applicable area.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

### Contact Information

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## **Business Analysis (Comprehensive)**

### Bachelor of Science

- A. General Education Program and Requirements
- B. College of Business Admission and Program Requirements
- C. Major Requirements (30 hours)
  - 1. QBA 337(3)
  - 2. CIS 260(3), 295(3), 388(3), 389(3), 555(3), 581(3)
  - 3. TCM 359(3) or CIS 420(3)
  - 4. Complete 6 hours from the following: INS 211(3), BUS 550(3), MGT 397(3), MKT 365(3), FIN 390(3), CIS 545(3), TCM 337(3), TCM 551 (3)
- D. General Baccalaureate Degree Requirements



- PUBLIC
 INDEPENDENT

NEW PROGRAM PROPOSAL FOR ROUTINE REVIEW

When finished, please save and email to: he.academicprogramactions@dhe.mo.gov

Sponsoring Institution: Missouri State University

Program Title: Business Analysis

Degree/Certificate: Choose degree type

If other, please list: Bachelor of Science

Options: None

Delivery Site: Missouri State University Main Campus

CIP Classification: 11.0501

Implementation Date: 8/19/2019

Is this a new off-site location? Yes No

If yes, is the new location within your institution's current CBHE-approved service region?

\*If no, public institutions should consult the comprehensive review process

Is this a collaborative program? Yes No

\*If yes, please complete the collaborative programs form on last page.

CERTIFICATIONS

- The program is within the institution's CBHE approved mission. (public only)
The program will be offered within the institution's CBHE approved service region. (public only)
The program builds upon existing programs and faculty expertise
The program does not unnecessarily duplicate an existing program in the geographically-applicable area.
The program can be launched with minimal expense and falls within the institution's current operating budget. (public only)

AUTHORIZATION

Frank Einhellig, Provost
Name/Title of Institutional Officer Signature Date

## **PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS**

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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.

### **1. Student Preparation**

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.  
None
  
- Characteristics of a specific population to be served, if applicable.  
None

### **2. Faculty Characteristics**

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.  
A Master's degree in the field of teaching.
  
- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.  
80%
  
- Expectations for professional activities, special student contact, teaching/learning innovation.  
None

### **3. Enrollment Projections**

- Student FTE majoring in program by the end of five years.  
100 based on historical enrollment numbers in a referent degree (ITSM).
  
- Percent of full time and part time enrollment by the end of five years.  
90% full-time/ 10% part-time

#### **STUDENT ENROLLMENT PROJECTIONS**

YEAR	1	2	3	4	5
Full Time	18	36	54	72	90
Part Time	2	4	6	8	10
Total	20	40	60	80	100

### **4. Student and Program Outcomes**

- Number of graduates per annum at three and five years after implementation.  
10 at three years and 15-20 at five years based on enrollment projections and student demographics (rank when declaring major).

- Special skills specific to the program.  
Quantitative business analysis; business process management; system analysis and design; project management; stakeholder management.
- Proportion of students who will achieve licensing, certification, or registration.  
None
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.  
MFAT scoring for all College of Business majors is above the national average.
- Placement rates in related fields, in other fields, unemployed.  
80% based on College of Business performance across all majors.
- Transfer rates, continuous study.  
[Click here to enter text](#)

#### **5. Program Accreditation**

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide rationale.  
AACSB accreditation

#### **6. Program Structure**

- A. Total credits required for graduation: 121
- B. Residency requirements, if any:
  1. Complete a minimum of at least 30 hours of courses administered by the Springfield Campus.
  2. Complete at least 12 hours of upper division credit in the major in courses administered by the Springfield Campus.
  3. Complete at least 6 hours of upper or lower division credit in the minor in courses administered by the Springfield Campus.
  4. Complete at least 20 out of the last 30 hours in courses administered by the Springfield Campus. Students who have completed at least 90 hours in courses administered by the Springfield Campus, may petition the department head of their major to take less than 20 out of the last 30 hours on the Springfield Campus. If this petition is granted, written approval from the department head must be forwarded to the Office of the Registrar prior to the semester of graduation.

C. General education: Total credits: 45

*Courses (specific courses OR distribution area and credits)*

Distribution Area	Credits	Course Title
Foundations	2	First-Year Seminar
	3	Written Communication & Info Literacy <i>(satisfied by ENG 110)</i>
	3	Oral Communication <i>(satisfied by COM 115)</i>
	3	Quantitative Literacy <i>(satisfied by MTH 135)</i>
	3	Written Comm. & Integrative & Applied Learning
Natural World	3-4	Life Sciences
	3-5	Physical Sciences
Human Cultures	6	Social and Behavioral Sciences <i>(satisfied by ECO 155 &amp; PSY 121)</i>
	3	Humanities
	3	The Arts
Public Affairs	6	US & MO Constitutions/American History and Institutions
	3	Cultural Competence
	3	Public Issues <i>(satisfied by CIS 200)</i>

D. Major requirements: Total credits: 76

Course Number	Credits	Course Title
ECO 165	3	Principles of Microeconomics
ACC 201	3	Introduction to Financial Accounting
ACC 211	3	Introduction to Managerial Accounting
CIS 200	3	Computer Applications for Business
LAW 231	3	Legal Environment of Business
MGT 286	3	Business Communications
QBA 237	3	Basic Business Statistics
CIS 429	3	Information Systems with Business Intelligence
FIN 380	3	Financial Management
LAW 332	1	Debtor and Creditor Rights and Remedies
MGT 340	3	Principles of Management
MGT 487	3	Strategic Management and Policy
MKT 350	3	Principles of Marketing
MKT 364	3	Operations Management
Globalization requirement	6	Multiple different pathways to satisfying
QBA 337	3	Applied Business Statistics
CIS 260	3	Introduction to Java Programming
CIS 295	3	Database Management Systems
CIS 388	3	Information Systems Analysis and Design
CIS 389	3	Digital Business Transformation
CIS 555	3	Data Visualization
CIS 581	3	Foundations of IT Service Management
RMI 211 or BUS 550 or MGT 397 or MKT 365 or FIN 390 or CIS 545 or TCM 337 or TCM 551	6	Principles of Risk Management and Insurance OR Negotiation, Mediation, and Arbitration in Business OR Business Report Writing OR Introduction to Logistics OR Intermediate Financial Management OR



		Data Infrastructure for Data Analytics OR Quality Control and Measurement OR Cost Analysis for Project Management
TCM 359 or CIS 420	3	Principles of Project Management OR IT Project Management

- E. Free elective credits: 0  
(sum of C, D, and E should equal A)
- F. Requirements for thesis, internship or other capstone experience:  
None
- G. Any unique features such as interdepartmental cooperation:  
Interdepartmental cooperation to avoid duplication of coursework in several areas. Examples are:  
TCM 337, 359, 551; INS 211; BUS 550; MKT 365; MGT 397; and FIN 390.

### 7. Need/Demand

- Student demand
- Market demand
- Societal demand

I hereby certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful.

*On July 1, 2011, the Coordinating Board for Higher Education began provisionally approving all new programs with a subsequent review and consideration for full approval after five years.*

### COLLABORATIVE PROGRAMS

- Sponsoring Institution One:
- Sponsoring Institution Two:
- Other Collaborative Institutions:
- Length of Agreement:
- Which institution(s) will have degree-granting authority?
- Which institution(s) will have the authority for faculty hiring, course assignment, evaluation and reappointment decisions?
- What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements?

- **Which institution(s) will be responsible for academic and student-support services, e.g., registration, advising, library, academic assistance, financial aid, etc.?**

- **What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed?**

*Please save and email this form to: [he.academicprogramactions@dhe.mo.gov](mailto:he.academicprogramactions@dhe.mo.gov)*