Program of Study Request

Form Id: 16361

Form Status: Process

Please take action on the form.

This service has been developed initially to support the conversion of the university's course inventory from a quarters to a semesters curriculum.
Getting started ...

Type of Request:

◉ New ○ Modify ○ Deactivate ○ Terminate ○ Quarter to Semester

For *Deactivate*, the program must be terminated no later than the conclusion of 7 years from the deactivation and all students must complete degree requirements by this date. The Registrar's Office will notify the department when all students have completed degree requirements of the deactivated program.

Client Info	
Name:	Shu Zou Schiller
Email:	shu.schiller@wright.edu
Phone:	937.775.2895
Department:	Information Systems & Operatns Mgmt
Location:	Rike Hall 251, 3640 Colonel Glenn Hwy

Program of Study

MIS - Mgmt Info Systems - BSB / Business Analytics

Effective Term: Fall 2017
Level: Undergraduate

Raj Soin College of Business

Degree: BS in Business
Major: Management Info Systems
Minor:
Program: Mgmt Info Systems - BSB
Concentration: Business Analytics   *New

Add'l Info:
BSB in Management Information Systems with Business Analytics Concentration

Approvals

Activity	Role	Client	Status	Time
Primary Route				
Dept_Review	Dept of Management Information Systems	Shu Zou Schiller	Review	03/08/2017 14:46:40
CCC_Eval	UG Chair of Raj Soin College of Business	Kevin Patrick Duffy	Approve	03/12/2017 17:23:29
Dean_Review	Dean of Raj Soin College of Business	Arijit Sengupta	Review	03/13/2017 09:26:42
UCAP_Eval	UCAP Chair	Karen Meyer	Approve	04/04/2017 12:57:05
Office Route				
Registrar_Proc	Registrar Office		Pending	

Notes   Attach   Audit

Share with a colleague   (Simple Webmail Client)

Academic Program of Study

College:	**Raj Soin College of Business**
Department:	**Information Systems and Supply Chain Management**
Degree (A.A. B.S., B.F.A., etc.) & Title:	**Bachelor of Science: Business Administration**
Concentration, Track, Option, Specialization:	**Management Information Systems <mark>with Business Analytics Concentration</mark> [Existing Program with New Concentration]**
Minor Program Title:	
Certificate Program Title:	

<mark>**Note, please highlight additions & modifications.**</mark> **Please ~~strikethrough~~ deletions.**

Current Program	Hours
I. Wright State Core	**39**
Element 1: Communication	6
English Composition: ENG 1100, 2100	
Element 2: Mathematics	4
or ECON 1150	
Element 3: Global Traditions (Select 1 course from each category)	6
Interdisciplinary: AFS 2000#; ATH 2500+; CS 1000; CST 2210#, 2310#, 2320#, 2410+, 2420#, 2430#, 2510#; EC 2100, 2500#, 2900#; RST 2610#, 2620#, 2710#, 2810#, 2910#, 2920#; URS 2000#	
History: CLS 1500; HST 1100, 1200	
	3
Element 4: Arts and Humanities	
ART 2140; CLS 2040*; CST 2310#, 2420#; ENG 2040*, 2050#; MP 1310; MUS 1210, 2140, 2900#; PHL 2100, 2040*; REL 2040*; TH 2140; UH 2010*	6
Element 5: Social Sciences	
EC 2040; FIN 2050	8
Element 6: Nature Sciences (Select two lecture/lab courses)	
ATH 2100; BIO 1050, 1060, 1070; CHM 1050, 1060, 1070*; CS 1150; EES 1030, 1050, 1070; PHY 1050/1050L, 1060/1060L; SM 1010*	6
Additional Core Courses:	
EC 2050	
One additional approved Wright State Core course from any of the Elements	
Other requirements:	
Multicultural Competence:	
Two courses from any of the Wright State Core (MC) designated courses	
Writing Across the Curriculum:	
Two Integrated (IW) courses from the Wright State Core	
#IW and MC course	

Revised Program	Hours
I. Wright State Core	**39**
Element 1: Communication	6
English Composition: ENG 1100, 2100	
Element 2: Mathematics	4
MTH 2280 or ECON 1150	
Element 3: Global Traditions (Select 1 course from each category)	6
Interdisciplinary: AFS 2000#; ATH 2500+; CS 1000; CST 2210#, 2310#, 2320#, 2410+, 2420#, 2430#, 2510#; EC 2100, 2500#, 2900#; RST 2610#, 2620#, 2710#, 2810#, 2910#, 2920#; URS 2000#	
History: CLS 1500; HST 1100, 1200	
	3
Element 4: Arts and Humanities	
ART 2140; CLS 2040*; CST 2310#, 2420#; ENG 2040*, 2050#; MP 1310; MUS 1210, 2140, 2900#; PHL 2100, 2040*; REL 2040*; TH 2140; UH 2010*	6
Element 5: Social Sciences	
EC 2040; FIN 2050	8
Element 6: Nature Sciences (Select two lecture/lab courses)	
ATH 2100; BIO 1050, 1060, 1070; CHM 1050, 1060, 1070*; CS 1150; EES 1030, 1050, 1070; PHY 1050/1050L, 1060/1060L; SM 1010*	6
Additional Core Courses:	
EC 2050	
One additional approved Wright State Core course from any of the Elements	
Other requirements:	
Multicultural Competence:	
Two courses from any of the Wright State Core (MC) designated courses	
Writing Across the Curriculum:	
Two Integrated (IW) courses from the Wright State Core	
#IW and MC course	

+MC course *IW course		+MC course *IW course	
II. Business Core Requirements	**42**	**II. Business Core Requirements**	**42**
ACC 2010, Principles of Accounting I	3	ACC 2010, Principles of Accounting I	3
ACC 2020, Principles of Accounting II	3	ACC 2020, Principles of Accounting II	3
FIN 2210, Financial Management 1	3	FIN 2210, Financial Management 1	3
MS 2040, Introduction to Business Decision Making	3	MS 2040, Introduction to Business Decision Making	3
MS 2050, Quantitative Business Modeling	3	MS 2050, Quantitative Business Modeling	3
MKT 2500, Principles of Marketing	3	MKT 2500, Principles of Marketing	3
ENG 3000, Business Writing	3	ENG 3000, Business Writing	3
EC 3010, Economics of Global Money Markets	3	EC 3010, Economics of Global Money Markets	3
LAW 3000, The Legal Environment of Business	3	LAW 3000, The Legal Environment of Business	3
MGT 3100, Management and Organizational Behavior	3	MGT 3100, Management and Organizational Behavior	3
MIS 3000, Introduction to Information Systems		MIS 3000, Introduction to Information Systems	
SCM 3070, Operations and Supply Chain Mgmt		SCM 3070, Operations and Supply Chain Mgmt	
MGT 3110, Bus Ethics and Leadership Development		MGT 3110, Bus Ethics and Leadership Development	
MGT 4990, Strategy: Domestic and International		MGT 4990, Strategy: Domestic and International	
III. MIS Major Requirements	**27**	**III. MIS Major Requirements**	**21**
MIS 1150, Introduction to Bus Programming	3	MIS 1150, Introduction to Bus Programming	3
MIS 2150, IS Applications Development	3	MIS 2150, IS Applications Development	3
MIS 3150, Data and Information Management	3	MIS 3150, Data and Information Management	3
MIS 3250, Analysis & Design of Info Systems	3	MIS 3250, Analysis & Design of Info Systems	3
MIS 4250, Information Technology Infrastructure	3	MIS 4250, Information Technology Infrastructure	3
MIS 4500, Business Processes & Enterprise Systems	6	MIS 4500, Business Processes & Enterprise Systems	
MIS 4950, IS Project Management & Development		MIS 4950, IS Project Management & Development	
Select two MIS Electives: from the 3000 or 4000 level MIS courses as approved by the department advisor			
		IV. Business Analytics Concentration	**15**
		Take the following two courses (6 hours):	**6**
		MIS 3810 Intro to Business Data	
		MIS 3840 Data Visualization for Business	
		Take three courses from the following (9 hours):	**9**
		MIS 3820 Data Mining for Business	
		MIS 4300 Business Analytics	
		MIS 4600 Geographic Information Systems	
		MIS 4700 Data Science for Bus Applications	
IV. General Electives	**12**	**V. General Electives**	**3**
1000-4000 level courses taught outside the College of Business. The following restrictions apply: 2 hours Health, Physical Education and Recreation; 4 hours Military Science. MTH 1450 and math courses		1000-4000 level courses taught outside the College of Business. The following restrictions apply: 2 hours Health, Physical Education and Recreation; 4 hours Military Science. MTH 1450 and math courses	

below the level of MTH 1260 or 1270 will not apply. 3000-4000 level courses offered by the College of Business. The following courses do not apply: EC 2000, 2100, 2500, 2900 and FIN 2050. Courses that have been designated "for non-business majors" will not apply.	
Total:	**120**

below the level of MTH 1260 or 1270 will not apply. 3000-4000 level courses offered by the College of Business. The following courses do not apply: EC 2000, 2100, 2500, 2900 and FIN 2050. Courses that have been designated "for non-business majors" will not apply.	
Total:	**120**

New Program Rationale: MIS Major with [New] Concentration in Business Analytics

I. **Title of Program**: MIS Major with Concentration in Business Analytics
    Department: Information Systems and Supply Chain Management
    College: Raj Soin College of Business

II. **Objectives**: The objectives of the program are to educate MIS Majors in the related field of Business Analytics, as follows:
    a. Provide background knowledge of database and data warehouse structures,
    b. Provide working knowledge of data mining and data visualization techniques,
    c. Provide working knowledge of different formats and types of business data, and
    d. Provide knowledge needed to recognize trends, patterns, and associations in data.

III. **Description (Catalog)**: This concentration will provide content knowledge in the field of Business Analytics to students enrolled in the MIS Major. This is a new discipline in business which encourages organizations to examine their existing stores of data to discern possible trends or patterns which have been hidden heretofore. Moreover, today's business analytics extends the work historically relegated to the area of data warehousing and data mining by including current – even up to the moment – data in the analysis.

IV. **Admission Requirements:** Students admitted to the concentration must be students in good standing in the MIS major, and complete all courses with passing grades to fulfill the concentration requirements. Students also need to meet the degree requirements as set by the University.

V. **Program Requirements:** The Business Analytics Concentration requires 15 credit hours (5 courses) in business analytics in addition to the requirements of the MIS major. The courses are: MIS 3810, "Introduction to Business Data" [required], MIS 3840, "Data Visualization for Business" [required], plus three courses from the following list: MIS 3820, "Data Mining for Business," MIS 4300, "Business Analytics," MIS 4600, "Geographic Information Systems," and MIS 4700, "Data Science for Business Applications."

VI. **Program Quality:** Courses offered in this concentration will be taught by faculty in the Departments of MIS, who have received significant education and training in the discipline of business analytics, and who have contributed to the discipline through research and publications.

VII. **Student Performance:** Students in the concentration are expected to complete each of the courses in the major and in the concentration with a minimum GPA of 2.00 or better.

VIII. **Curriculum Coordination:** Courses offered in this concentration will be taught by faculty in the Departments of MIS, Economics, Finance, and Marketing. The Enrollment Director of the college will coordinate with department chairs for course scheduling.

IX. **Resource Coordination**: As these courses may overlap with a business analytics concentration offered in other business disciplines (i.e., Finance, Marketing, Economics), the Enrollment Director of the College will coordinate with department chairs for course scheduling.

X. **Program Staffing**: The proposed concentration will be taught by existing faculty within the Departments of MIS, Economics, Marketing, and Finance. In preparation for the program, the College departments have been hiring faculty with training in related statistical areas within each functional discipline, and have hired faculty with expertise in business analytics.