

# BALL STATE UNIVERSITY

## ACADEMIC POSTING

2012-2013

VOLUME XLIV – 2

October 12, 2012

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins October 15, 2012. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing undergraduate materials posted after April 16, 2012 is Fall Semester 2013. Graduate materials posted after April 16, 2012 have an implementation date of Fall Semester 2014.*

### COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

MGT	300	Managing Behavior in Org	3
	491	Bus Policy and Strategy Mgt	3
MKG	300	Principles of Marketing	3
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			39 hrs

### Department of Family and Consumer Sciences

#### Correction:

#### MAJOR IN FAMILY AND CONSUMER SCIENCES, 64-90 hours

*Option: Residential property management, 63-66 hours*  
The requirement of a minor has been dropped.

Required, 21 hours			
MGT	241	The Entrepreneurial Experience	3
	341	Opportunity Identification	3
	346	Product and Service Design	3
	347	Business Model Generation	3
	441	Entrep Decision Making	3
	443	Venture Financing	3
	449	New Venture Creation	3
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			21 hrs

### MILLER COLLEGE OF BUSINESS

### Department of Marketing and Management

#### Revised:

#### MAJOR IN ENTREPRENEURIAL MANAGEMENT, 66 hours

PREFIX	NO	SHORT TITLE	CR HRS
Miller College of Business core, 39 hours			
ACC	201	Principles of Accounting 1	3
	202	Principles of Accounting 2	3
BL	260	Principles of Business Law	3
ECON	201	Elementary Microeconomics	3
	202	Elementary Macroeconomics	3
	221	Business Statistics	3
FIN	300	Principles of Finance	3
ISOM	135	Business Information Systems	3
	249	Foundations of Business Comm	3
	351	Operations Management	3

Electives, 6 hours from			
MGT	361	Managing Human Resources (3)	
	369	Management Internship (3)	
	409	Business Ethics (3)	
TDPT	280	3D Prototyping (3)	
TEDU	102	Design Techniques (3)	
TMFG	161	Intro Manufacturing Industries (3)	6
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			66 hrs

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. Proficiency in computer skills may be demonstrated by examination, or credit in ISOM 125 or CS 104 or its equivalent. The prerequisite for ISOM 135 is proficiency test required or ISOM 125 or CS 104.

### COLLEGE OF COMMUNICATION, INFORMATION, AND MEDIA

## Interdepartmental

### ICOMMUNICATION (ICOM)

#### Revised:

**101 The Digital World (3)** Introduction to types of human interaction made possible by digital media. Exploration of individualization, innovation, imagination, interactivity, minimization, and internationalization of digital communication. Positive and negative impacts and ramifications of a digital world.

*Open to all students.*

**201 Web Design and Usability (3)** Conceptual introduction to design and critique of digital messages in terms of source objectives, audiences, and society effects. Specific emphasis on theories and evaluations of usability testing of Web sites.

*Open to all students.*

**210 Introduction to Social Media (3)** An examination of social media technologies and applications of emerging technologies on various careers aimed at students of all skill levels. Students will build their own Web sites using existing tools, engage in social and mobile networks, and deploy a variety of social media applications using pre-existing software tools.

*Open to all students.*

**211 Digital Interactivity Design (3)** Digital media design as the design of artifacts to support interactive experience. Explores relationships among interactivity, interface design, and communication. Individual and collaborative projects geared to heighten understanding of designing for interactivity.

*Open to all students.*

**212 Digital Image Design (3)** Emphasizes aesthetic understanding and practical facility with digital content as effective visual communication. Emphasis on development of digital imaging competencies, techniques and aesthetics.

*Open to all students.*

**213 Digital Video Design (3)** Basic knowledge and laboratory work in development of digital video and audio. Introduction to creating digital video productions with digital cameras and computer hardware and software. Aesthetics and techniques of digital video and audio recording and non-linear editing.

*Open to all students.*

**214 Digital Sound Design (3)** Explores creative use and manipulation of digital audio to produce compositions and sound designs suitable for different types of digital media projects. Focuses on technical skills, creativity, and an understanding of digital audio in context.

*Open to all students.*

**299X Experimental/Development Topics (3)** Topics relevant to the discipline. Course titles to be announced before each semester.

*Open to all students.*

**375 Digital Storytelling (3)** Covers fundamentals of writing, formatting, digitizing, adapting, repurposing, and distributing digital media stories for application in information, communication, and entertainment industries.

*Prerequisite:* either ICOM 101 or two 200-level courses with a grade of C (2.0) or better; prerequisite courses can be taken concurrently.

*Open to all students.*

**390 Independent Studies in Digital Media (3)** Academic or creative digital media project directed by a Ball State faculty member. Written proposal must be approved by the digital media minor program director prior to term of study.

*Prerequisite:* permission of the program director.

*Open to all students.*

**495 Senior Capstone (3)** Synthesis and culmination of undergraduate digital media design and production experiences in a group or individual capstone digital media design project.

*Prerequisite:* ICOM 375 with a grade of C (2.0) or better, or permission of the program director.

*Open to all students.*

## COLLEGE OF FINE ARTS

### School of Music

#### MUSIC PERFORMANCE (MUSP)

##### Revised:

**643 Chamber Music (1-4)** Advanced development in the art of chamber music performance. Emphasizes the study of a variety of types of literature of musical worth in program building. Refinement of ensemble skills and individual techniques.

A total of 4 hours of credit may be earned, but no more than 2 in any one semester or term.

## COLLEGE OF SCIENCES AND HUMANITIES

### Department of Anthropology

#### ANTHROPOLOGY (ANTH)

##### Revised:

**301 History of Method and Theory in Anthropology (4)** Surveys the major ideas and issues of anthropology over time. Includes methods and theories from archaeology, physical anthropology, linguistics, and cultural anthropology.

*Prerequisite:* ANTH 101 or permission of the instructor.

*Open only to juniors and seniors.*

**311 Ethnicity and Race (3)** Explores the concepts of ethnicity and race and how they shape the interaction between individuals and groups in complex society. Devotes particular attention to the Western world, but also considers similar attitudes in other parts of the world.

*Prerequisite:* ANTH 101 or permission of the instructor.

## Department of Computer Science

### COMPUTER SCIENCE (CS)

#### Revised:

#### 110 Introduction to Computer Science and Web

**Programming (3)** An introduction to Web programming utilizing HTML and a Web programming language. A broad survey of computer science including its history, applications, programming languages, and computer architecture.

## Department of Criminal Justice and Criminology

#### New:

### CERTIFICATE IN CRIMINAL JUSTICE AND CRIMINOLOGY, 12 hours

#### Admission requirements

Admission requirements are the same as for the Master of Public Administration with a criminal justice concentration, namely a bachelor's degree from an accredited college or university. The program is open to all majors.

- An overall undergraduate grade-point average of 2.75 on a 4.0 scale.
- Graduate record exam scores.
- Two letters of recommendation.

PREFIX	NO	SHORT TITLE	CR HRS
CJC	650	Criminal Justice Admin	3
	651	Interpersonal Relations in CJC	3
	652	Philosophical Aspects of CJC	3
	690	Independent Study in CJC	3
			12 hrs

## Department of Mathematical Sciences

#### New:

### CERTIFICATE IN STATISTICAL MODELING, 14 hours

The Certificate in Statistical Modeling provides students with the statistical modeling expertise that is part of the Master's in

Statistics. All 14 credit hours of this certificate can be applied to the MA/MS in Statistics programs.

#### Admission requirements

Applicants must meet the regular admission requirements of the Graduate School. It is also expected that students will have had three semesters of calculus, one semester of linear algebra, one semester of probability and one semester of statistics.

PREFIX	NO	SHORT TITLE	CR HRS
MATH	528	Regression Time Series Models	3
	529	Analysis Variance Exp Design	3
	627	General Linear Model Applicat	4
	628	Comput Methods in Statistics	4
			14 hrs

## Department of Natural Resources and Environmental Management

### EMERGENCY MANAGEMENT AND HOMELAND SECURITY (EMHS)

#### New:

**355 International Domestic Terrorism (3)** Examination of international and domestic terrorist organizations, including ideologies, tactics, training, and sources of funding. Students will gain a solid understanding of key concepts of doctrine, leaders, goals, history, ideology, and definitions of terms.

## Department of Physiology and Health Science

### HEALTH SCIENCE (HSC)

#### Revised:

**396 Health Communication Media Production (2)** Designed to introduce graphic design and presentation methods with direct application to various health education settings. Students will complete several creative projects using relevant electronic technology and materials.

*Prerequisite:* HSC 300 and 394 or permission of the department chairperson.

## Department of Political Science

#### Revised:

### MASTER OF PUBLIC ADMINISTRATION (MPA), 36-45 hours

This degree provides graduate professional education to students who wish to prepare for administrative or research

careers in public management at the federal, state, or local government level with nonprofit organizations or private sector corporations extensively involved with government.

The flexibility of the program allows students to tailor an interdisciplinary curriculum to their needs, objectives, and goals. A full-time student can complete the MPA program (including internship) in four semesters or two academic years. An in-service student with a strong background may be able to complete the program with a minimum of one calendar year of course work. The requirements of the program ensure that each student will have a theoretical understanding and practical awareness of public policy and of the principles of management and administration in the public sector. The program blends the study of politics and administration with the techniques of modern management.

To accommodate practitioners and others who have daytime commitments, evening and Saturday morning classes are offered as well as weekday classes. Many opportunities exist for student participation in workshops and experiential learning settings where students and public administrators can interact.

### Degree requirements

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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#### MPA with administrative concentration, 36-45 hours

Core area of study

POLS	625	Res Meth in Political Sci	3
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15 hours from

POLS	642	Problems in Public Policy (3)	
	648	Policy Analysis (3)	
	650	Public Administration (3)	
	651	Admin Org and Management (3)	
	652	Personnel Admin in Gov (3)	
	653	Public Fin Admin (3)	15

Electives in public administration related courses	9-12
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Research requirements

POLS	626	Research Seminar (3-6)	
		or	
RES	697	Research Paper (1-3)	
		or	
THES	698	Thesis (1-6)	3-6

Minor area of study and/or electives in related complementary area	6-9
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36-45 hrs

Before graduation, students must pass a departmental comprehensive exam in public administration and public policy.

#### MPA with criminal justice and criminology (CJC) concentration, 36-42 hours

Core area of study

POLS	625	Res Meth in Political Sci	3
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15 hours from

POLS	633	The American Judicial System (3)	
	642	Problems in Public Policy (3)	
	648	Policy Analysis (3)	
	650	Public Administration (3)	
	651	Admin Org and Management (3)	
	652	Personnel Admin in Gov (3)	
	653	Public Fin Admin (3)	15

CJC concentration

CJC	650	Criminal Justice Admin	3
	651	Interpersonal Relations in CJC	3
	652	Philosophical Aspects of CJC	3
	690	Independent Study in CJC (1-3)	3

Electives in related area	3-6
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Research requirements

POLS	626	Research Seminar (3-6)	
		or	
RES	697	Research Paper (1-3)	
		or	
THES	698	Thesis (1-6)	3-6

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36-42 hrs

Before graduation, students must pass a departmental comprehensive exam in public administration and criminal justice.

In addition, for both the MPA and the MPA with CJC concentrations, each student is required to have a basic understanding of and ability to deal with introductory accounting. This may be fulfilled by a previous undergraduate accounting course or completion of ACC 501 or the equivalent. The student's plan of study, including electives, will be selected in consultation with the program advisor.

Each student's background will be evaluated individually, and recommendations on program content will be made according to the student's educational and job experiences and career plans. Students without appropriate professional experience will be required to complete for credit (6 hours) a full-time internship.

#### Community and economic development concentration, 36-39 hours

Core area of study

POLS	625	Res Meth in Political Sci	3
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15 hours from

POLS	642	Problems in Public Policy (3)	
	648	Policy Analysis (3)	
	650	Public Administration (3)	
	651	Admin Org and Management (3)	
	652	Personnel Admin in Gov (3)	
	653	Public Fin Admin (3)	15

Research requirements

POLS	626	Research Seminar (3-6)	
		or	
RES	697	Research Paper (1-3)	
		or	
THES	698	Thesis (1-6)	3-6

Concentration required courses			
PLAN	585	Intro Comm Dev/Enter Plng	3
	586	Methods of Public Interest Dev	3
3 hours from			
BL	560	Survey of Business Law (3)	
		or	
PLAN	625	Planning Law (3)	3
6 hours from			
ACC	501	Financial Accounting (3)	
BL	665	Law, Ethics, Pub Pol/Bus (3)	
CAP	651	Research Methods (3)	
FCPM	525	Adv Mgt of Government Housing (3)	
	530	Adv Apt Operations Management (3)	
	615	Senior Housing Option (3)	
	696	Property Management Seminar (3)	
HSC	582	Environmental Health (3)	
PLAN	512	Intro to GIS for Urban Plan (3)	
	530	Hous & Comm Development (3)	
	598	Spec Proj/Urb & Regl Planng (3)	
	612	Community Development Studio (3)	
	620	Human Impact Analysis (2)	
	621	Environmental Impact Analysis (1)	
	632	Studio/Comm Dev & Ent Planng (3)	
UD	501	UD Studio 1: UD Analysis (2)	
	503	UD Studio 3: Comm-Bsd Des (2)	
	561	UD Communication and Media 1 (2)	
	562	UD Communication and Media 2 (2)	
	569	Topical Computer Graphics Work (1)	
	598	Special Projects Urban Design (1)	
	637	UD Topics and Colloquia (1)	
	640	History of Urban Form (3)	
	663	Computer Visualization (2)	6
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			36-39 hrs

**Emergency management and homeland security concentration, 36-39 hours**

Core area of study			
POLS	625	Res Meth in Political Sci	3
15 hours from			
POLS	642	Problems in Public Policy (3)	
	648	Policy Analysis (3)	
	650	Public Administration (3)	
	651	Admin Org and Management (3)	
	652	Personnel Admin in Gov (3)	
	653	Public Fin Admin (3)	15
Research requirements			
POLS	626	Research Seminar (3-6)	
		or	
RES	697	Research Paper (1-3)	
		or	
THES	698	Thesis (1-6)	3-6

Concentration required hours			
EMHS	552	Science WMDs Technol Hazards	3
	555	International Domestic Terror	3
	589	Emergency Response WMDs	3

6 hours from			
CS	547	Comp Info & Network Sec (3)	
EMHS	550	Haz Mat Health and Safety (3)	
	593	Special Topics (3)	
GEOG	534	Atmospheric Hazards (3)	
	544	Adv Geog Info Systems Analysis (3)	
GEOL	516	Geol of Hazards & Env (3)	
ISOM	601	Intro Comp & Net Sec (3)	
POLS	545	National Defense Policy (3)	
	694	Terrorism & Homeland Sec (3)	6
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			36-39 hrs

**Information and communication technology concentration, 38-41 hours**

Core area of study			
POLS	625	Res Meth in Political Sci	3
15 hours from			
POLS	642	Problems in Public Policy (3)	
	648	Policy Analysis (3)	
	650	Public Administration (3)	
	651	Admin Org and Management (3)	
	652	Personnel Admin in Gov (3)	
	653	Public Fin Admin (3)	15
Research requirements			
POLS	626	Research Seminar (3-6)	
		or	
RES	697	Research Paper (1-3)	
		or	
THES	698	Thesis (1-6)	3-6
Elective: 3 hours from public administration or other applicable area			
			3

Concentration required courses			
ICS	620	Info and Comm Technologies	4
	621	Info Movement, Mgmt, Storage	4

6 hours from			
CS	639	Seminar in Computer Science (3)	
ICS	623	Integration (3)	
	624	Knowledge Management (3)	
	645	Evolving Database Systems (3)	
	691	Internetworking, TCP/IP (3)	
ISOM	601	Intro Comp & Net Sec (3)	
MBA	623	Electronic Commerce (3)	
		or	

other courses as approved by the ICT certificate advisor			
			6
			<hr/>
			38-41 hrs

**Interdisciplinary Emphasis**

Courses in a number of other departments may be taken as electives to broaden and strengthen the student's training. Selection of such courses must be made in consultation with the major advisor. Students may complete part of their MPA elective courses in such departments as accounting, criminal

justice and criminology, economics, journalism, educational leadership, marketing and management, natural resources and environmental management, physiology and health science, and sociology.

## **Department of Social Work**

### **SOCIAL WORK (SOCW)**

#### **Correction:**

**SOCW 370 Selected Aspects of Social Work Practice (3-6)**  
**Change credit hours from: 3 to: 3-6**

## **Department of Sociology**

### **SOCIOLOGY (SOC)**

#### **Revised:**

**260 Social Interaction (3)** Analysis of the interaction between people and their social environment. Examines the effects of groups and society on individuals.

*Prerequisite:* SOC 100 or permission of the instructor.

Ron Murphy, Associate Director  
Office of Academic Systems