

BALL STATE UNIVERSITY

ACADEMIC POSTING

2011-2012

VOLUME XLIII – 2

October 28, 2011

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins October 31, 2011. 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 4, 2011 is Fall Semester 2012. Graduate materials posted after April 4, 2011 have an implementation date of Fall Semester 2012.*

Miller College of Business

DEPARTMENT OF MARKETING AND MANAGEMENT

Revised:

MINOR IN MARKETING, 18 hours

Open to all non-business majors and Miller College of Business majors (except those majoring in marketing or professional selling) who have an overall grade-point average of 2.25 or higher. No two minors can be used in combination to fulfill any degree requirements outside the Miller College of Business (except Economics).

MINOR IN PROFESSIONAL SELLING, 18 hours

Open to all non-business majors and Miller College of Business majors (except those majoring in marketing or professional selling) who have an overall grade-point average of 2.25 or higher.

Not open to students minoring in business information technology, consumer finance, entrepreneurship, foundations of business, foundations of management, legal studies in business, marketing, or risk management and insurance.

MANAGEMENT (MGT)

Revised:

241 The Entrepreneurial Experience (3) An introductory course focusing on the individual entrepreneur, the generation of innovative business ideas, the creation of business ventures, and the role of entrepreneurship within society. Students will

experience entrepreneurship first-hand through an immersion experience, and will acquire the skills and process knowledge needed to create their own innovative for-profit solution to a real-world market opportunity.

Not open to students who have credit in MGT 341.

341 Introduction to Entrepreneurship (3) Provides essential knowledge for those interested in small business including search for venture opportunities; economic, technical, and operational feasibility of ventures; financing, marketing, and legal operations; and franchising and partnering.

Prerequisite or parallel: MGT 300.

Not open to students who have credit in MGT 241.

MARKETING (MKG)

Revised:

420 Integrated Marketing Communications (3) Uses discussion, cases, and problems to give experience in making decisions on a firm's promotional mix, and creating and presenting integrated promotional campaigns. Focuses on promotional research; market analysis; campaign, creative and media strategy; budget allocation; creative campaign design; and media selection and scheduling.

Prerequisite: MKG 300 and either MKG 320 or JOUR 250.

College of Fine Arts

SCHOOL OF MUSIC

Revised:

MAJOR IN MUSIC COMPOSITION, BM, 92 hours

PREFIX	NO	SHORT TITLE	CR HRS
MUST	101	Sight Singing and Ear Training	1
	102	Sight Singing and Ear Training	1
	111	Music Theory	2
	112	Music Theory	2
	201	Sight Singing and Ear Training	1
	202	Sight Singing and Ear Training	1

	211	Music Theory	2
	212	Music Theory	2
	221	Music Composition 1	2
	222	Music Composition 2	2
	311	Mus Thry: Form & Analy	2
	312	MusTh: 18th-Cent Counterpoint	2
	321	Composition	2
	411	Instrumentation & Orchestratn	2
	417	Thry of 20 th /21 st Cent Music	3
	495	Composition-Project Recital (1-3)	3
MUHI	200	Survey of Music Literature	2
	330	Music History	3
	331	Music History	3
MUST	121	Intro to Comp and Sonic Arts	3
	122	Acoustics for Musicians	3
	241	Computer Music 1	3
	350	Computer Composition 1	2
MUSC	499	Recital	1
8 hours from			
MUSC	340	Large Instrumental Ensemble (1)	
	341	Large Instrumental Ensemble (.5)	
	350	Large Vocal Ensemble (1)	
	351	Large Vocal Ensemble (.5)	
MUSP	436	Ensemble for New Music (1)	8
2 hours from			
MUSP	325	Secondary Study (Piano) (1)	
	326	Group Piano (1)	2
12 hours from			
MUSP	201	Principal Study (2)	
	401	Principal Study (2)	12
<i>Option 1: Instrumental and vocal</i>			
MUST	322	Composition	2
	420	Sixteenth-Century Counterpoint	3
	431	Composition	2
	432	Composition	2
2 hours from			
MUST	410	Choral Arranging (2)	
	413	Band Arranging (2)	2
9 hours from			
MUST	341	Creat Prac in Sonic Arts Tech (2)	
	342	Computer Music 2 (3)	
	410	Choral Arranging (2)	
	412	17th 18th Cent Compositr Pract (2-3)	
	413	Band Arranging (2)	
	414	Commercial Arranging (2)	
	416	Theory of 19th-Century Music (3)	
	421	Analytical Technique (3)	
	443	Adv Topics in Computer Music (3)	
	444	Human-Computer Interface Desg (3)	
	445	Music Perception (3)	
	450	Computer Music Composition 2 (2)	
	491	Indep Study in Music Theory (1-3)	
	492	Special Topics (2)	
MMP	301	Songwriting 1 (2)	
	302	Songwriting 2 (2)	9

<i>Option 2: Sonic arts technology</i>			
MUST	341	Creat Prac in Sonic Arts Tech	2
	342	Computer Music 2	3
	450	Computer Music Composition 2	2
MMP	235	Recording Technology 1	3
10 hours from			
MUST	322	Composition (2)	
	410	Choral Arranging (2)	
	412	17th 18th Cent Compositr Pract (2-3)	
	413	Band Arranging (2)	
	414	Commercial Arranging (2)	
	416	Theory of 19th-Century Music (3)	
	420	Sixteenth-Century Counterpoint (3)	
	421	Analytical Technique (3)	
	431	Composition (2)	
	432	Composition (2)	
	443	Adv Topics in Computer Music (3)	
	444	Human-Computer Interface Desg (3)	
	445	Music Perception (3)	
	491	Indep Study in Music Theory (1-3)	
MMP	100	Survey of the Music Industry (3)	
	236	Recording Technology 2 (3)	
	301	Songwriting 1 (2)	
	302	Songwriting 2 (2)	
	330	Recording Workshop (1-2)	
	335	Mixing (3)	10
			<hr/>
			92 hrs

MUSIC EDUCATION (MUSE)

Dropped:

566 Class Guitar (2)

578 Teaching Multicultural Music (2)

669 Advanced Research in Music Education (3)

673 Band Rehearsal Laboratory (3)

674 Orchestra Rehearsal Laboratory (3)

675 Choral Rehearsal Laboratory (3)

MUSIC PERFORMANCE (MUSP)

Dropped:

601 Major Study (Brass) (1-99)

602 Major Study (Percussion) (1-99)

603 Major Study (Strings) (1-99)

604 Major Study (Harp) (1-99)

605 Major Study (Piano) (1-99)

607 Major Study (Organ/Harpsichord) (1-99)

608 Major Study (Voice) (1-99)

609 Major Study (Guitar) (1-99)

611 Major Study (Brass) (4)

612 Major Study (Percussion) (4)

613 Major Study (Strings) (4)

614 Major Study (Harp) (4)

615 Major Study (Piano) (4)

617 Major Study (Organ/Harpsichord) (4)

618 Major Study (Voice) (4)

619 Major Study (Guitar) (4)

621 Minor Study (Brass) (1-99)

622 Minor Study (Percussion) (1-99)

623 Minor Study (Strings) (1-99)

624 Minor Study (Harp) (1-99)

625 Minor Study (Piano) (1-99)

627 Minor Study (Organ/Harpsichord) (1-99)

628 Minor Study (Voice) (1-99)

629 Minor Study (Guitar) (1-99)

701 Major Study (Brass) (1-99)

702 Major Study (Percussion) (1-99)

703 Major Study (Strings) (1-99)

704 Major Study (Harp) (1-99)

705 Major Study (Piano) (1-99)

707 Major Study (Organ/Harpsichord) (1-99)

708 Major Study (Voice) (1-99)

709 Major Study (Guitar) (1-99)

711 Major Study (Brass) (4)

712 Major Study (Percussion) (4)

713 Major Study (Strings) (4)

714 Major Study (Harp) (4)

715 Major Study (Piano) (4)

717 Major Study (Organ/Harpsichord) (4)

718 Major Study (Voice) (4)

719 Major Study (Guitar) (4)

New:

640 Independent Applied Study (1-2) Independent time for the master's or artist diploma student to work on repertoire that is being covered in concurrent enrollment in MUSP 600 for 2 credit hours. With permission of the graduate coordinator; may be repeated up to 2 times.

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

Open only to students registered in MUSP 600 for 2 credits.

720 Secondary Study (1-2) Thirty to sixty minutes of weekly private lessons based on credit-hour enrollment. For approved doctor of arts secondary area study only (for elective study on an instrument, see MUSP 620).

A total of 2 hours of credit may be earned.

740 Independent Applied Study (1-2) Independent time for the doctoral student to work on repertoire that is being covered in concurrent enrollment in MUSP 700 for 2 credit hours. With permission of the graduate coordinator; may be repeated up to 3 times.

A total of 6 hours of credit may be earned, but no more than 2 in any one semester or term.

Open only to students registered in MUSP 700 for 2 credits.

Revised:

600 Major Study (1-4) Thirty to 120 minutes of weekly private lesson(s) based on credit-hour enrollment. For master's and artist diploma students approved for major study (for elective study, see MUSP 620).

Not open to students enrolled in MUSP 610.

610 Applied Recital Study (4) Sixty-minute private lesson weekly with additional recital coaching sessions (to average an additional hour per week). Available one time for each full recital given. For master's and artist diploma students.

Not open to students enrolled in MUSP 600.

620 Elective Study (1-2) Thirty to sixty minutes of weekly private lessons based on credit-hour enrollment. Open to all graduate students; this usually functions as "elective" hours not on the student's major instrument.

700 Primary Area Study (1-4) Thirty to 120 minutes of weekly private lesson(s) based on credit-hour enrollment. For doctoral primary area study only.

Not open to students enrolled in MUSP 710.

710 Applied Recital Study (4) Sixty-minute private lesson weekly with additional recital coaching sessions (to average an

additional hour per week). Available one time for each full recital given. For doctoral students only.

Not open to students enrolled in MUSP 700.

MUSIC THEORY AND COMPOSITION (MUST)

Correction:

122 Acoustics for Musicians
Change credit hours **from: 2 to: 3**

College of Sciences and Humanities

DEPARTMENT OF CHEMISTRY

CHEMISTRY (CHEM)

New:

102 General, Organic, and Biochemistry for Experienced Health Professionals (4) Introduction to and general principles of general chemistry, organic chemistry, and biochemistry. Designed for students who have significant paid clinical experience. Four hours of lecture and two hours of virtual exercises weekly.

Prerequisite: significant paid clinical experience.

Not open to students who have credit in CHEM 101.

Open only to off-campus students or those with significant paid clinical experience as an LPN, or equivalent certification as determined by the nursing department.

DEPARTMENT OF ENGLISH

Revised:

English/Language Arts teaching majors may apply two courses to both a major and minor in English. All other students who major and minor in English may apply only one course to both the major and the minor. Students who complete two majors in English may only count ENG 444 and two additional courses towards both majors. Students who complete no English major but two minors may apply only one course to both minors.

DEPARTMENT OF GEOGRAPHY

Revised:

MAJOR IN GEOGRAPHY, 51-71 hours

Option 4: Meteorology and climatology – professional, 51-56 hours

GEOG 230 Elementary Meteorology 3

330	Weather Analysis	3
331	Global Climatology	3
332	Climate Change & Modification	3
334	Atmospheric Hazards	3
344	Adv Geog Info Systems Analysis	3
350	Geog United States & Canada (3)	
	or	
490	Field Obs Severe Local Storms (6)	3-6
425	Physical Meteorology	3
435	Satellite, Radar, Forecasting	3
447	Thermodynamic Meteorology	3
449	Synoptic Meteorology	3
450	Severe Local Storms	3
451	Dynamic Meteorology	3
MATH 374	Differential Equations	3

Select two courses from

GEOG 340	Cartograp Visual Spatial Data (3)	
341	Cartogra Visual Spatial Data 2 (3)	
342	Introduction to Remote Sensing (3)	
343	Advanced Remote Sensing (3)	
410	Broadcast Meteorology (3)	
443	Sem Adv Techniq Remote Sensing (3)	
445	GIS Apps Design & Development (3)	
448	Geog Information System Design (3)	
MATH 267	Calculus 3 (4)	6-7

Select one course from

CHEM 111	General Chemistry 1 (4)	
CS 120	Computer Science 1 (4)	
GEOG 206	Oceans and Nations (3)	
420	Oceanography (3)	
PHYC 450	Electricity and Magnetism 1 (3)	3-4

66-71 hrs

PHYC 120 and 122, MATH 165 and 166 required as prerequisite. Additional course work in the basic sciences such as mathematics, physics, and computer science is encouraged. Recommended minors for option 4 include natural resources and environmental management, telecommunications, and journalism.

DEPARTMENT OF MATHEMATICAL SCIENCES

MATHEMATICAL SCIENCES (MATH)

Dropped:

136 Mathematics for Business (4)

Revised:

132 Brief Calculus (3) Brief survey of differential and integral calculus. Emphasizes applications.

Prerequisite: MATH 111, an appropriate mathematics score on the ACT or SAT, or an appropriate college algebra score on the mathematics placement test.

Not open to students who have credit in MATH 132 or higher except by permission of the department chairperson.

201 Number, Algebra, and Probability for the Elementary Teacher (4)

In-depth treatment of concepts underlying common topics in the elementary mathematics curriculum including concepts in number and operation, algebra, and probability. Use of selected concrete manipulatives and technology is included.

Prerequisite: any of the following: qualifying ACT or SAT score, or appropriate score on the mathematics placement test, or credit in MATH 101 with a C- or better, or permission of the department chairperson.

Open only to option 1 mathematics teaching majors, or majors in elementary, special, or early childhood education.

DEPARTMENT OF MODERN LANGUAGES AND CLASSICS

Revised:

MAJOR IN JAPANESE, 37 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
JAPA	201	Intermediate Japanese 1	4
	202	Intermediate Japanese 2	4
	301	Advanced Japanese 1	4
	302	Advanced Japanese 2	4
	303	Readings in Japanese	3
	304	Composition	3
	334	Japanese Culture and Civ	3
	401	Contemporary Masterpieces (3)	3
	or		
	402	Classical Masterpieces (3)	3
9 hours from 300- and 400-level Japanese courses			9

37 hrs

JAPA 402 may substitute for JAPA 401. HIST 496 (Modern Japan, 1600 to Present) may substitute for either JAPA 334 or JAPA 401.

MINOR IN JAPANESE, 22 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
JAPA	201	Intermediate Japanese 1	4
	202	Intermediate Japanese 2	4
	301	Advanced Japanese 1	4
	302	Advanced Japanese 2	4
	334	Japanese Culture and Civ	3
3 hours from JAPA 303 Readings in Japanese (3) 304 Composition (3) 338 Business Japanese (3)			3

22 hrs

HIST 496 (Modern Japan, 1600 to Present) may substitute for JAPA 334 with permission of the department chairperson.

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES

Revised:

MAJOR IN PHILOSOPHY, 33 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
PHIL	200	Logic	3
6 hours from			
PHIL	203	Social Philosophy (3)	
	210	Philosophy of Religion (3)	
	230	Environmental Ethics (3)	
	304	Philosophy of Sport (3)	
	305	Logical Theory (3)	
	310	African Philosophy (3)	
	312	Current Issues in Philosophy (3)	6
15 hours from			
PHIL	300	History of Ancient Philosophy (3)	
	302	History of Modern Philosophy (3)	
	306	Contemporary Philosophy (3)	
	404	Metaphysics (3)	
	410	Epistemology (3)	
	415	Prof and Practical Ethics (3)	
	420	Contemp Ethical Thry & Prob (3)	15
9 hours from additional PHIL courses			9
			<hr/> 33 hrs

Only 3 credits from either 100 or 200 may count toward the major.

MINOR IN PHILOSOPHY, 18 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
6 hours from			
PHIL	300	History of Ancient Philosophy (3)	
	302	History of Modern Philosophy (3)	
	306	Contemporary Philosophy (3)	
	404	Metaphysics (3)	
	410	Epistemology (3)	
	415	Prof and Practical Ethics (3)	
	420	Contemp Ethical Thry & Prob (3)	6
12 hours from additional PHIL courses			12
			<hr/> 18 hrs

Only 3 credits from either 100 or 102 may count toward the minor.

DEPARTMENT OF PHYSIOLOGY AND HEALTH SCIENCE

Suspended:

MASTER OF SCIENCE IN HEALTH SCIENCE

DEPARTMENT OF PSYCHOLOGICAL SCIENCE

Revised:

MAJOR IN PSYCHOLOGICAL SCIENCE, 42-43 hours

PREFIX	NO	SHORT TITLE	CR HRS
PSYS	100	Intro to Psychological Science	3
	241	Statistics	3
	284	Research Methods in Psych Sci	4
	295	Career Planning in Psych	1
	385	Ethics in Psychology	1
3 hours from			
PSYS	316	Social Psychology (3)	
	317	Personality (3)	
	321	Developmental Psychology (3)	3
3 hours from			
PSYS	364	Psychology of Learning (3)	
	371	Applied Behavior Analysis (3)	3
3 hours from			
PSYS	324	Psychology of Women (3)	
	325	Psych Prejudice Discrimination (3)	
	424	Psychology of Diversity (3)	3
3 hours from			
PSYS	362	Motivation and Emotion (3)	
	367	Intro to Neuroscience (3)	
	412	Sensation and Perception (3)	3
3-4 hours from			
PSYS	301	Health Psychology (3)	
	373	Industrial Psychology (3)	
	432	Abnormal Psychology (3)	
	447	Tests and Measurement (4)	
	471	Psych in the Legal System (3)	
	476	Human Factors Psychology (3)	3-4
3 hours from			
PSYC	492	Research Seminar (3)	
	499	Dept Honors in Psychology (3)	3
3 hours at 300- or 400-level PSYS (no more than 3 hours from PSYS 478, 479, 492, 497, or 498)			
			3
6 hours at 400-level PSYS (no more than 3 hours from PSYS 478, 479, 492, 497, or 498)			
			6
3 hours PSYS electives			
			3

42-43 hrs

All students will be required to take the Major Field Exam in Psychology before graduation.

At least 12 hours of PSYS courses must be taken in residence at Ball State.

Elective major courses

PSYS	213	Psych of Human Adjustment (3)
	277	Psychology of Sexual Behavior (3)
	342	Advanced Statistics (3)
	395	Special Topics in Psychology (1-9)
	468	Cognitive Neuroscience (3)
	475	Advanced Industrial Psychology (3)
	478	Teaching Assistantship (3-6)
	479	Practical Experience (3-6)
	491	History and Psychology (3)
	495	Seminar in Psychology (3)
	496	International Studies Psych (1-12)
	497	Empirical Research in Psych (1-3)
	498	Independent Study in Psych (1-3)

MINOR IN PSYCHOLOGICAL SCIENCE, 18 hours

PREFIX	NO	SHORT TITLE	CR HRS
PSYS	100	Intro to Psychological Science	3
15 hours from electives in PSYS			15
			<hr/>
			18 hrs

PSYCHOLOGICAL SCIENCE (PSYS)

Revised:

100 Introduction to Psychological Science (3) Introduction to various branches of psychology and the contributions of each to understanding the behavior of people as they interact with their environment.

492 Research Seminar (3) Students conduct research in which they pose and answer one or more meaningful questions about a topic of interest and relevance to them. All students are expected to complete a literature review, to collect and analyze data, and to interpret and publicly report their findings.

Prerequisite: PSYS 385; a minimum of 12 additional hours in psychology; senior standing.

Teachers College

DEPARTMENT OF EDUCATIONAL STUDIES

EDUCATION: STUDIES (EDST)

New:

655 Introduction to Mixed Methods Research (3) Examines the historical roots of mixed-methods research, its philosophical and theoretical developments, designs, and characteristics, and approaches to data analysis and interpretation. Students will collectively and individually explore emerging conceptions of mixed methods research, plan and conduct a mixed-methods class project, and write a scholarly report.

Prerequisite: EDPS 640 or EDST 650 or equivalent course or permission of the instructor.

Revised:

735 Seminar in Educational Studies (3) A forum for graduate students of advanced standing to critically examine state of the art research in the areas of curriculum, educational technology, and social foundations of education.

Open only to doctoral students in educational studies and other advanced graduate programs.

DEPARTMENT OF ELEMENTARY EDUCATION

Pending ICHE approval

New:

MAJOR IN EARLY CHILDHOOD WITH MINOR IN EARLY CHILDHOOD SPECIAL EDUCATION (PRE-K ONLY TRACK—NO LICENSE) OPTION, 108 hours

PREFIX	NO	SHORT TITLE	CR HRS
AHS	100	Introduction to Art	3
BIO	102	Biol Concepts for Teachers	3
EDEL	100	Educ in a Democratic Society	3
	200	Plan for Elem and EC Classroom	3
	231	Family and Community Relations	3
	244	Early & Elem Educ for Soc Just	3
	252	Creative Exp for Yng Children	3
	260	EC Curriculum and Instruction	3
	301	Tchg in the Pre-K/K Program	3
	381	Interaction Skills Young Child	3
	442	Administration of EC Programs	3
	491	Independent Study in Elem Ed (1-6)	5
EDFO	420	Soc, Hist, Phil Found of Ed	3
EDPS	260	Development Elementary	3
	393	Educational Psych Elementary	3
EDRD	390	Emergent Literacy	3
ENG	204	Literature for Children (3)	
	or		
	318	Lit for Young Children (3)	3
FCFC	265	Infant/Toddler Develop Educ	3
	310	Promot Prosocial Behav Child	3
	320	Leadership Mgt Child Dev Prog	3
GEOG	101	Earth Sea Sky: Geographic View (3)	
	or		
GEOL	101	Planet Earth Geol Environment (3)	3
HIST	201	American History, 1492-1876	3

HSC	350	Elem Schl Hlth Pgrms	3
MATH	201	Num Alg Prob Elem Teach	4
	202	Data Geo Meas Elem Teach	3
MUSE	265	Music Basics for the Classroom	3
PHYC	101	Phys Sci Concepts for Teachers (1-3)	3
SPCE	210	Thry/Pract in EC Spec Ed	3
	215	Assess Yng Chldrn W/ExcNds	3
	302	Tch Studs/Dis in Gen Ed	3
	311	Dev Meth Infs & Todds w/Exc	3
	312	Dev Meth PS Chldrn w/Exc	3
	334	Topics in Autism	3
	417	Pract: Inf/Tods/PS Spec Nds (1-6)	6

108 hrs

EDUCATION: ELEMENTARY (EDEL)

Revised:

740 Research in Early and Elementary Education (3)

Students will identify research areas of need in the fields of early and elementary education. Students will plan, implement, analyze, and prepare an early research project in preparation for their dissertation.

Open to doctoral-level students and other graduate students by permission of the department chairperson.

A total of 6 hours of credit may be earned, but no more than 3 in any one semester or term.

Ron Murphy, Associate Director
Office of Academic Systems