

BALL STATE UNIVERSITY

ACADEMIC POSTING

2014-2015

VOLUME XLVI – 4

March 6, 2015

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins March 9, 2015. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing the undergraduate and graduate materials posted after May 26, 2014 is Fall Semester 2015.*

INTERDEPARTMENTAL PROGRAMS

Legal Studies

Revised:

MAJOR IN LEGAL STUDIES (BA/BS), 69 hours

This major prepares students for careers as legal assistants or paralegals. It also provides a strong foundation in law-related courses for students who plan to work in the courts, the legislature or in legal departments of government and business.

| PREFIX | NO | SHORT TITLE | CR | HRS |
|--------|----|-------------|----|-----|
|--------|----|-------------|----|-----|

Interdisciplinary major requirements

Common core, 36 hours

| | | | |
|------|-----|----------------------------------|---|
| BL | 367 | Principles of Estate Planning | 3 |
| POLS | 130 | American National Government | 3 |
| | 141 | Introduction to Paralegalism | 3 |
| | 229 | Law Office Mgmt and Technology | 3 |
| | 241 | Family Law | 3 |
| | 242 | Legal Research and Writing | 3 |
| | 243 | Litigation | 3 |
| | 344 | Adv Legal Research and Writing | 3 |
| | 342 | Problems in Public Policy (3) | |
| | or | | |
| | 431 | Congress (3) | 3 |
| | 369 | Pd Prof Exp Amer Gov and Law (3) | |
| | or | | |
| | 479 | Pract Exp Amer Gov and Law (3) | 3 |
| | 445 | Adv Litigat and Alt Disp Res | 3 |
| | 455 | Administrative Law | 3 |

36 hrs

Complete one concentration

Concentration 1: Public Law, 33 hours

| | | | |
|------|-----|--------------------------------|---|
| ACC | 201 | Principles of Accounting 1 | 3 |
| BL | 260 | Principles of Business Law | 3 |
| POLS | 433 | The Judiciary | 3 |
| RMI | 270 | Principles of Risk Mgt and Ins | 3 |

15 hours from

| | | | |
|------|-----|----------------------------------|----|
| COMM | 340 | Leadership Communication (3) | |
| | 385 | Rhet of Marginalized Voices (3) | |
| POLS | 237 | State and Local Politics (3) | |
| | 238 | Urb Gov in United States (3) | |
| | 347 | Environmental Law and Policy (3) | |
| | 408 | Topics in Legal Studies (3) | |
| | 435 | Intergovernmental Relations (3) | |
| | 443 | American Constitutional Law (3) | |
| | 444 | Constitutional Liberties (3) | |
| | 474 | Women and Politics (3) | |
| | 475 | Minority Group Politics (3) | |
| | 490 | International Law (3) | |
| PSYS | 471 | Psych in the Legal System (3) | |
| RE | 332 | Legal Aspects of Real Estate (3) | |
| SOC | 425 | Sociology of Law (3) | 15 |

6 hours from

| | | | |
|------|-----|---------------------------------|---|
| ACC | 202 | Principles of Accounting 2 (3) | |
| CJC | 101 | Intro to Criminal Justice (3) | |
| COMM | 220 | Argumentation and Debate (3) | |
| | 320 | Persuasion (3) | |
| | 325 | Interviewing (3) | |
| MGT | 300 | Managing Behavior in Org (3) | |
| MKG | 300 | Principles of Marketing (3) | |
| PHIL | 200 | Logic (3) | |
| RE | 331 | RE Construction Law and Fin (3) | |
| RMI | 473 | Insurance Law (3) | |
| SOC | 425 | Sociology of Law (3) | 6 |

69 hrs

Concentration 2: Business, 33 hours

Students interested in pursuing this concentration must complete the following courses before registering for 300- and 400-level business courses.

| | | | |
|------|-----|------------------------------|---|
| 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 |
| ISOM | 210 | Business Information Systems | 3 |

| | | | |
|---------------|-----|------------------------------------|--------|
| 12 hours from | | | |
| BL | 362 | Law of Business Associations (3) | |
| | 363 | Uniform Commercial Code (3) | |
| BUSA | 302 | Career Management (3) | |
| CIS | 226 | Business Systems App Dev (3) | |
| ECON | 346 | Law and Economics (3) | |
| FIN | 300 | Principles of Finance (3) | |
| ISOM | 313 | DB and Info Resource Mgt (3) | |
| | 415 | Information Systems Management (3) | |
| MGT | 300 | Managing Behavior in Org (3) | |
| | 361 | Managing Human Resources (3) | |
| MKG | 300 | Principles of Marketing (3) | |
| PHIL | 200 | Logic (3) | |
| POLS | 281 | Econ Pol Prob of Emerg Ntns (3) | |
| | 347 | Environmental Law and Policy (3) | |
| | 408 | Topics in Legal Studies (3) | |
| | 433 | The Judiciary (3) | |
| | 435 | Intergovernmental Relations (3) | |
| | 443 | American Constitutional Law (3) | |
| | 444 | Constitutional Liberties (3) | |
| | 474 | Women and Politics (3) | |
| | 490 | International Law (3) | |
| RE | 230 | Real Estate Principles (3) | |
| | 331 | RE Construction Law and Fin (3) | |
| | 332 | Legal Aspects of Real Estate (3) | |
| RMI | 270 | Principles of Risk Mgt and Ins (3) | |
| | 330 | Employee Benefits and Ret Plan (3) | |
| | 473 | Insurance Law (3) | |
| SOC | 425 | Sociology of Law (3) | 12 |
| | | | <hr/> |
| | | | 69 hrs |

The prerequisite for ISOM 210 is ISOM 125 or equivalent. Proficiency may be demonstrated by examination or credit in ISOM 125, CS 104 or the equivalent. ECON 221 requires C or better grade in MATH 111, or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166 as the prerequisite

Sustainability

New:

PENDING ICHE APPROVAL

MAJOR IN SUSTAINABILITY (BS), 36 hours

To prepare knowledgeable, skilled, and committed professionals to envision, manage, and report sustainability initiatives within corporations, NGO's, government, education, and not-for profit organizations. Graduates of this program will have taken courses grounding them in social, economic, and environmental factors which contribute to the health and well-being of our environment, our economy, and our citizenry.

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------|-----|--------------------------|--------|
| NREM | 101 | Environment and Society | 3 |
| PHIL | 230 | Environmental Ethics | 3 |
| SUST | 250 | Intro to Sustainable Dev | 3 |
| | 320 | Sys Thnk for Sust | 3 |
| | 330 | Measure and Rpt Sust | 3 |

| | | |
|-----|-------------------------------|--------|
| 340 | Analytics and Mod for Sust | 3 |
| 400 | Creating a Sustainable Future | 3 |
| | | <hr/> |
| | | 21 hrs |

Concentration: Built Environment, 15 hours

| | | | |
|---------------|-----|------------------------------------|----|
| 12 hours from | | | |
| ARCH | 498 | Spec Proj in Arch (3-6) | |
| FCID | 220 | Sustainable Interiors (3) | |
| FIN | 300 | Principles of Finance (3) | |
| LA | 270 | Environmental Systems (3) | |
| | 320 | Therapeutic Landscapes (3) | |
| | 371 | Sustainable Site Design (3) | |
| | 498 | Special Projects (1-6) | |
| MGT | 244 | Social Entrepreneurship (3) | |
| NREM | 307 | Env Mgt Developing Countries (3) | |
| PLAN | 498 | Spec Proj in Urbn Plan and Dev (3) | |
| TCST | 315 | Sustainable Construction (3) | |
| TDPT | 204 | Energy Processing (3) | 12 |

3 hours from

| | | | |
|------|-----|---------------------------------|--------|
| COMM | 290 | Intercultural Communication (3) | |
| | 320 | Persuasion (3) | 3 |
| | | | <hr/> |
| | | | 36 hrs |

ARCH 498 requires permission of the department chairperson and is open only to architecture majors; FCID 220 has a prerequisite: FCID 115 and is open only to interior design majors and minors; LA 320 has a prerequisite of LA 202 or 270 or permission of the instructor; FIN 300 requires business majors to meet Miller College of Business admission requirements, non-business majors must have ECON 116 or 201 and ACC 201; TCST 315 is open only to juniors and seniors; COMM 320 has a prerequisite of COMM 210.

Concentration: Business, 15 hours

| | | | |
|---------------|-----|------------------------------------|----|
| 12 hours from | | | |
| BUSA | 300 | Int Sustainability in Business (3) | |
| ECON | 279 | Problems of Emerging Nations (3) | |
| FIN | 300 | Principles of Finance (3) | |
| MGT | 244 | Social Entrepreneurship (3) | |
| NREM | 203 | Decision-Making in Nat Res Mgt (3) | |
| POLS | 281 | Econ Pol Prob of Emerg Ntns (3) | |
| | 347 | Environmental Law and Policy (3) | 12 |

3 hours from

| | | | |
|------|-----|----------------------------------|--------|
| COMM | 290 | Intercultural Communication (3) | |
| | 320 | Persuasion (3) | |
| | 330 | Small Group Decision Making (3) | |
| POLS | 293 | International Relations (3) | |
| | 347 | Environmental Law and Policy (3) | 3 |
| | | | <hr/> |
| | | | 36 hrs |

BUSA 300 requires sophomore standing; ECON 279 is not open to students who have credit in POLS 281; FIN 300 requires business majors to meet Miller College of Business admission requirements, non-business majors must have ECON 116 or 201 and ACC 201; POLS 281 has a recommended prerequisite of POLS 280 and is not open to students who have credit in ECON 279; POLS 347 has a recommended prerequisite of POLS 130; COMM 320 has a prerequisite of COMM 210.

Concentration: Environmental, 15 hours

12 hours from

| | | | |
|------|-----|------------------------------------|----|
| BIO | 216 | Ecology (3) | |
| | 220 | Ecological Issues 21st Century (3) | |
| | 416 | Population Ecology (3) | |
| BOT | 380 | Forestry (3) | |
| GEOG | 265 | Intro Geographic Info Systems (3) | |
| | 332 | Climate Chng and Modification (3) | |
| GEOL | 101 | Planet Earth Geol Environment (3) | |
| | 206 | Oceans and Nations (3) | |
| | 207 | Environ Geology Geochem Cycles (3) | |
| | 360 | Hydrogeology (3) | |
| | 416 | Geology Hazards Environment (3) | |
| | 470 | Groundwater Geochemistry (3) | |
| NREM | 203 | Decision-Making in Nat Res Mgt (3) | |
| | 211 | Water Resources (3) | |
| | 221 | Soil Resources (3) | |
| | 241 | Air Resources (3) | |
| | 304 | Sustainable Agriculture (3) | |
| | 331 | Energy and Mineral Resources (3) | |
| | 335 | Renewable Energy Sustain Tech (3) | 12 |

3 hours from

| | | | |
|------|-----|---------------------------------|---|
| COMM | 290 | Intercultural Communication (3) | |
| | 320 | Persuasion (3) | 3 |

36 hrs

BIO 216 has a prerequisite of BIO 112; BIO 220 is not open to students who have credit in BIO 216, open only to non-biology majors; BIO 416 has a prerequisite of BIO 216; GEOG 332 has a prerequisite of GEOG 230; GEOL 207 has a prerequisite of CHEM 111, GEOL 101 or high school equivalents or permission of the department chairperson; GEOL 360 has a prerequisite of GEOL 350 and MATH 161 or 165, and PHYC 110 or permission of the department chairperson, not open to students who have credit in GEOL 560; GEOL 416 has a prerequisite of an introductory course such as GEOL 101, 207, 240, NREM 211 or EMHS 352, MATH 108 or high school equivalent or permission of the department chairperson; GEOL 470 has a prerequisite of CHEM 111, 112, GEOL 101 or permission of the department chairperson; COMM 320 has a prerequisite of COMM 210.

Concentration: Interdisciplinary, 15 hours

1 course from each of the concentrations:

built environment, business, environmental, and social 12

3 hours from

| | | | |
|------|-----|---------------------------------|---|
| COMM | 290 | Intercultural Communication (3) | |
| | 320 | Persuasion (3) | 3 |

36 hrs

COMM 320 has a prerequisite of COMM 210.

Concentration: Social, 15 hours

12 hours from

| | | | |
|------|-----|------------------------------------|--|
| ANTH | 312 | Ecological Dims of Culture (3) | |
| GEOG | 121 | Geog of Cultural Environment (3) | |
| HSC | 482 | Environmental Health (3) | |
| ID | 301 | Intro Peace Std and Conf Res (3) | |
| MGT | 244 | Social Entrepreneurship (3) | |
| NREM | 204 | American Environmental History (3) | |

| | | | |
|------|-----|------------------------------------|----|
| | 205 | Internatnl Natural Resources (3) | |
| | 309 | Human Dimensions Global Change (3) | |
| | 357 | Internat Community Development (3) | |
| PHIL | 202 | Ethics (3) | |
| SOC | 242 | Social Problems (3) | |
| | 320 | Social Inequality (3) | |
| | 355 | Environment (3) | 12 |

3 hours from

| | | | |
|------|-----|---------------------------------|---|
| COMM | 290 | Intercultural Communication (3) | |
| | 320 | Persuasion (3) | 3 |

36 hrs

ANTH 312 prerequisites are any one of ANTH 101, 103, 105, 111 or permission of the instructor or participation in the clustered minors in environmentally sustainable practices; HIST 204 is not open to students who have credit in NREM 204; NREM 309 requires junior standing or permission of the instructor; SOC 320 has a prerequisite of SOC 100 or permission of the instructor; COMM 320 has a prerequisite of COMM 210.

SUSTAINABILITY (SUST)

New:

320 Systems Thinking for Sustainability (3) An introduction to the composition and dynamic complexity of natural and human-fabricated systems. Differentiation of systems types, their operations, and use of systems frameworks for modeling future states are addressed. Emphasis on "whole systems" and "life cycle" approaches lead students through progressive exploration of case studies that culminates in a research presentation based on a systematic exploration of a selected human-fabricated system.

Open only to sustainability degree majors or by permission of advisor or instructor.

330 Measurement and Reporting for Sustainability (3) Introduces students to the metrics, indicators, and reporting systems used to characterize and influence organizational practices and performance relative to sustainability goals. Emphasis is placed upon how these sustainability indicators, especially greenhouse gas inventories, are completed, analyzed, and reported. Assignments will provide students with the opportunity to critically analyze data and prepare reports.

Prerequisite: SUST 320 or by permission of advisor or instructor.

Open only to sustainability degree majors or by permission of advisor or instructor.

340 Analytics and Modeling for Sustainability (3) Introduces students to principles of predictive analysis and computer-based modeling tools which assist stakeholders in making informed decisions. Emphasis is on systems thinking, statistical techniques, and the application of systems dynamics theory for quantitatively analyzing and predicting the potential impact of organizational decisions upon sustainability issues, e.g., population, economics, water scarcity, greenhouse gas emissions, climate change, energy, food security, and

biodiversity.

Prerequisite: SUST 320 and 330 or by permission of advisor or instructor.

Open only to sustainability degree majors or by permission of advisor or instructor.

COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

Department of Family and Consumer Sciences

New:

PENDING ICHE APPROVAL

CERTIFICATE IN INFANT/TODDLER SPECIALIZATION, 18 hours

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------|-----|-------------------------------|--------|
| FCCD | 400 | Internship Child Dev | 3 |
| FCFC | 202 | Child and Family Wellness | 3 |
| | 310 | Promot Prosocial Behav Child | 3 |
| | 315 | Infant Toddler Curr Envir | 3 |
| | 320 | Leadership Mgt Child Dev Prog | 3 |
| | 380 | Parenting | 3 |
| | | | 18 hrs |

This program is offered on-line only. Students must earn a minimum grade of C in all required courses.

Revised:

MAJOR IN FAMILY AND CONSUMER SCIENCES (BA/BS), 63-87 hours

All family and consumer sciences majors must complete the common core and at least one of the concentrations. Students who declare a double concentration in the department will be required to complete an internship in both concentrations.

| PREFIX | NO | SHORT TITLE | CR HRS |
|----------------------|-----|-----------------------|--------|
| Common core, 6 hours | | | |
| FCS | 103 | FCS Body of Knowledge | 3 |
| | 403 | FCS in Practice | 3 |

Complete one concentration

Concentration: Family and child, 58-63 hours

Complete the following, 37 hours

| | | | |
|------|-----|------------------------------|---|
| FCFC | 100 | Intro Family Child | 1 |
| | 202 | Child and Family Wellness | 3 |
| | 250 | Family Relations | 3 |
| | 265 | Infant and Toddler Dvlp Educ | 3 |
| | 275 | Child Development | 3 |
| | 380 | Parenting | 3 |

| | | | |
|------|-----|--------------------------------|---|
| | 393 | Present Practice Tech Fam Educ | 3 |
| | 425 | Grant Writing Research Methods | 3 |
| | 484 | Family Stressors and Crises | 3 |
| | 485 | Family Policy | 3 |
| EDPS | 351 | Adolescent Psychology | 3 |
| PSYS | 100 | Intro to Psychological Science | 3 |
| FCFN | 240 | Nutrition for Educators (3) | |
| | or | | |
| | 275 | Personal Nutrition (3) | 3 |

Choose one area to complete the concentration:

Family and Child: Child development concentration,

21 hours

| | | | |
|------|-----|-------------------------------|---|
| EDEL | 260 | EC Curriculum and Instruction | 3 |
| | 442 | Administration of EC Programs | 3 |
| FCCD | 400 | Internship Child Dev (3-6) | 3 |
| FCFC | 310 | Promot Prosocial Behav Child | 3 |
| | 320 | Leadership Mgt Child Dev Prog | 3 |
| | 465 | Adv Child Dev in Practice | 3 |
| SPCE | 210 | Thry and Pract in EC Spec Ed | 3 |

Family and Child: Child life concentration, 26 hours

| | | | |
|------|-----|--------------------------------|---|
| BIO | 100 | Biology for a Modern Society | 3 |
| | 254 | Biology in the Social Context | 3 |
| FCCL | 400 | Internship in Child Life (3-6) | 3 |
| FCFC | 310 | Promot Prosocial Behav Child | 3 |
| | 465 | Adv Child Dev in Practice | 3 |
| | 492 | Prof Practice Child Life | 3 |
| HSC | 471 | Death and Dying | 3 |
| NUR | 101 | Termin Hlth Care Prof and Cons | 2 |
| | 103 | Health Behav: Cult Variations | 3 |

Family and Child: Family studies concentration,

24 hours

| | | | |
|------|-----|------------------------------------|---|
| EDPS | 355 | Adult Psychology (3) | |
| | or | | |
| SOC | 431 | Aging and the Life Course (3) | 3 |
| FCFC | 340 | Life Workplace Management | 3 |
| | 394 | Family Services Administration (3) | |
| | or | | |
| | 320 | Leadership Mgt Child Dev Prog (3) | |
| | or | | |
| | 492 | Prof Practice Child Life (3) | 3 |
| | 475 | Marriage | 3 |
| FCFS | 400 | Internship in Family Studies (3-6) | 3 |
| HSC | 261 | Health, Sex, and Family Life (3) | |
| | or | | |
| PSYS | 277 | Psychology of Sexual Behavior (3) | 3 |
| SOCW | 100 | Introduction to Social Work | 3 |
| | 230 | Human Behav and Social Envr 1 | 3 |

64-69 hrs

Concentration: Fashion merchandising, 79 hours

| | | | |
|------|-----|-------------------------------|---|
| CHEM | 100 | People and Chemistry | 3 |
| ECON | 116 | Survey of Economic Ideas (3) | |
| | or | | |
| | 201 | Elementary Microeconomics (3) | 3 |
| FCFA | 101 | Dimensions of Clothing | 3 |
| | 102 | Fund of Apparel Construction | 3 |

| | | | |
|------|-----|--------------------------------|---|
| | 230 | Textiles for Apparel | 3 |
| | 270 | The Fashion Industry | 3 |
| | 275 | Computer Fashion Presentation | 3 |
| | 280 | Merch Fundamentals and Math | 3 |
| | 315 | Fashion Product Analysis | 3 |
| | 345 | Visual Merchandising | 3 |
| | 360 | History of Costume | 3 |
| | 365 | Fashion Forecasting | 3 |
| | 384 | Fashion Retail Manage Branding | 3 |
| | 392 | Prof Develop for Fash Merch | 1 |
| | 415 | Apparel Manufact and Wholesale | 3 |
| | 475 | International Apparel Market | 3 |
| | 481 | Fashion Promotion | 3 |
| | 488 | Fashion Buy Merch Ecommerce | 3 |
| FCFM | 369 | Fashion Merchandising (3-6) | 3 |
| ISOM | 125 | Micro Apps for Business | 3 |
| MGT | 300 | Managing Behavior in Org | 3 |

Students completing this concentration must complete an entrepreneurship or marketing minor.

18

85 hrs

MINOR IN INTERIOR DESIGN, 24 hours

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------------------------|-----|---------------------------------|--------|
| For architecture majors: | | | |
| ARCH | 201 | Architectural Design | 4 |
| CAP | 102 | Environmental Design and Plan 2 | 3 |
| | 162 | Design Communication Media 2 | 2 |
| FCID | 111 | Graphic Communication | 3 |
| | 115 | Interior Materials and Appl | 3 |

15 hrs

For all other majors:

| | | | |
|------|-----|-----------------------------|---|
| FCID | 101 | Rapid Visualization | 3 |
| | 110 | Design Fundamentals | 3 |
| | 111 | Graphic Communication | 3 |
| | 115 | Interior Materials and Appl | 3 |
| | 222 | Interior Design Studio 1 | 3 |

15 hrs

For all interior design minors, 9 additional hours from the following:

| | | | |
|------|-----|------------------------------------|---|
| FCID | 112 | Design Presentation (3) | |
| | 120 | Graphic Communication 2 (3) | |
| | 210 | Hist and Theoretical Studies 1 (3) | |
| | 221 | Graphic Communication 3 (3) | |
| | 224 | Interior Design Studio 2 (3) | |
| | 225 | Hist and Theoretical Studies 2 (3) | |
| | 228 | Graphic Communication (3) | |
| | 261 | Universal Design (3) | |
| | 314 | Color and Light in ID (3) | |
| | 320 | Furniture Design (3) | |
| | 324 | Interior Design Studio 3 (3) | |
| | 362 | Inter Construction and Detail (3) | |
| | 390 | Interior Design Programming (3) | 9 |

9

24 hrs

Students completing this minor must receive C or better grades in all interior design courses. Students receiving a grade lower than C are required to retake the course.

**FAMILY AND CONSUMER SCIENCES:
CHILD DEVELOPMENT (FCCD)**

Revised:

400 Internship in Child Development (3-6) Provides the opportunity for the student to work in an internship setting to gain professional experience in child development.

Prerequisite: FCFC 315 or 465 and permission of the department chairperson.

A total of 6 hours of credit may be earned.

Open only to child development students.

**FAMILY AND CONSUMER SCIENCES:
FASHION MERCHANDISING (FCFM)**

Revised:

369 Internship in Fashion Merchandising (3-6) Provides the opportunity for the student to work in an established internship setting to gain professional experience in one's specific area of study.

Prerequisite: FCFA 270 and 280 and 345 and 392; and MKG 300 or MGT 342; permission of the department chairperson.

A total of 6 hours of credit may be earned.

FAMILY AND CONSUMER SCIENCES (FCS)

Revised:

403 Family and Consumer Sciences in Practice (3)

Examines the integration of all disciplines in family and consumer sciences to strengthen individuals, families, and communities. Emphasis is on research, public policy, multicultural environments, ethics, and lifelong learning in a global society. Career goals are assessed. Includes immersive learning component. Involves writing.

Prerequisite: FCS 103, senior standing, or by permission of the department chairperson.

School of Nursing

Revised:

**DOCTORATE IN NURSING PRACTICE (DNP),
90 hours**

Admission requirements

Applicants must meet the admission requirements of the Graduate School as well as additional requirements of the

School of Nursing. Contact the School of Nursing for additional information.

90 hrs

Applicants must also:

- Have graduated from a National League for Nursing Accrediting Commission (NLNAC) or Commission on Collegiate Nursing Education (CCNE) accredited master’s program in nursing with a minimum grade-point average of 3.2 on a 4.0 scale.
- Have completed graduate level statistics, nursing research, and health assessment courses.
- Have an unencumbered license as a registered nurse in the state of practice.
- Have recent clinical experience.
- Meet all health clearance, criminal background checks, and other requirements for clinical practice.

The Admission and Progression Committee will review all application materials and a phone interview will be conducted prior to determination of acceptance in the program.

The number of applicants admitted to the Doctorate of Nursing Practice (DNP) program is limited. Admission will be competitive and meeting the minimum admission criteria does not ensure that an applicant will be admitted to the program.

Earned master’s degree in nursing credit hours may be applied toward the required minimum post baccalaureate 90 credit hours. A minimum of 40 of the required post baccalaureate 90 credit hours must be completed at Ball State University.

DNP Program Graduation Requirements

The DNP program requires completion of a minimum of 90 post baccalaureate credit hours including a minimum of 1000 post baccalaureate clinical hours. The DNP program requires completion of a scholarly project (6 credit hours) under the advisement of a nursing faculty member. The DNP project (NUR 792/793) is completed within the context of 360 supervised practicum hours (NUR 790/791). As is standard with other practice or professional doctorates, a dissertation is not required.

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------|-----|--------------------------------|--------|
| NUR | 662 | Hlth Care Bus and Econ | 3 |
| | 730 | Stats for Hlth Care Res | 3 |
| | 740 | Theory Based Models of Care | 3 |
| | 742 | Res for Evid-Based Pract | 3 |
| | 744 | Outcomes Res and Eval | 3 |
| | 760 | Population Focused Care | 4 |
| | 764 | Leader Hlth Pol and Adv Pract | 4 |
| | 780 | Sem:AdvTops Mgt Client Hea Ill | 3 |
| | 790 | Practicum 1 | 3 |
| | 791 | Practicum 2 | 3 |
| | 792 | DNP Project 1 | 3 |
| | 793 | DNP Project 2 | 3 |

Directed elective courses 2

 40 hrs

Approved master’s transfer credit or electives 50 hrs

The DNP program is offered on-line only.

NURSING (NUR)

Revised:

792 DNP Project 1 (3) The student develops the proposal for a scholarly project. The project is a significant, evidence-based intervention to improve the quality of health care and health outcomes in clinical and community settings.

Prerequisite: 15 credit hours in NUR 700-level courses to include NUR 730 and 740 and 742 and 744.

Open only to DNP students.

School of Physical Education, Sport, and Exercise Science

Revised:

MASTERS IN PHYSICAL EDUCATION AND SPORT, 30-33 hours

Admission requirements

Applicants must meet the admission requirements of the Graduate School and complete an application from the Department of Physical Education, Sport, and Exercise Science. Applicants must also have a bachelor’s degree from accredited institutions in education, physical education, biology, or other appropriate majors; grade-point average (GPA) of at least 2.75 on a scale of 4.0; GRE scores and submit a statement of purpose, three letters of recommendation, resume, and other supporting documents. GRE scores are waived for Athletic Coaching Education.

A student with a GPA of less than 2.75 on a 4.0 scale must take the Graduate Record Examination (GRE) general test. Students with satisfactory scores on the GRE will be considered for admission under probationary status to the program. Any deficiencies must be made up through course work taken in addition to degree requirements.

Degree requirements

Students completing athletic coaching education must complete a minimum of 30 hours of graduate courses. Students completing Sport Administration and Sport and Exercise Psychology must complete a minimum of 33 hours of graduate courses. In order to earn a master of science degree these courses must include 6 hours of a thesis project (THES 698). In order to earn a master of arts degree these courses must include 3 hours of a research project (RES 697) or creative project (CRPR 698) except students in sport administration and athletic coaching education have an additional concentration which includes internship hours. Students electing RES 697, CRPR 698 or THES 698 must make a final oral defense.

Master of Arts or Master of Science in Athletic Coaching Education, 30 hours

Core requirements

| | | | |
|-----|-----|--------------------------------|---|
| ACE | 604 | Physical Preparation | 3 |
| | 612 | Growth and Development | 3 |
| | 618 | Skills and Tactics for Coaches | 3 |
| | 625 | Evaluation in Coaching | 3 |
| | 632 | Philosophy and Ethics | 3 |
| | 670 | Sport Safety | 3 |
| | 675 | Teach and Motivation Coaches | 3 |

Research requirements: 9 hours from one area (choose one)

Master of Arts, internship

| | | | |
|-----|-----|-----------------------------------|---|
| ACE | 688 | Current Issues Coach Research (3) | |
| | | or | |
| | 692 | Administration for Coaches (3) | |
| PEP | 600 | Internship in Sport and PE (1-6) | |
| | 601 | Research App Non-Thesis (3) | 9 |

Master of Arts, research paper/creative project

| | | | |
|------|-----|----------------------------------|---|
| PEP | 600 | Internship in Sport and PE (1-6) | |
| | 601 | Research App Non-Thesis (3) | |
| RES | 697 | Research Paper (1-3) | |
| | | or | |
| CRPR | 698 | Creative Project (3) | 9 |

Master of Science, thesis

| | | | |
|------|-----|-------------------------------|---|
| EXSC | 611 | Research Methods (Thesis) (3) | |
| THES | 698 | Thesis (1-6) | 9 |

30 hrs

Master of Arts or Master of Science in Sport Administration, 33 hours

Core requirements

| | | | |
|------|-----|--------------------------------|---|
| SPTA | 611 | Sport Marketing and Promotions | 3 |
| | 615 | Sport Law | 3 |
| | 617 | Financial Principles in Sport | 3 |
| | 676 | Sport Administration | 3 |

Directed electives

| | | | |
|------|-----|------------------------------------|--|
| ACC | 501 | Financial Accounting (3) | |
| AT | 696 | Advanced Techniques in AT (3) | |
| ECON | 509 | Survey of Economics (3) | |
| EDAD | 600 | Intro to Ed Leadership (3) | |
| | 630 | Human Resource Development (3) | |
| | 640 | Edu Admin and Public Rltns (3) | |
| | 686 | School Law (3) | |
| | 687 | Legal Aspects of Education (3) | |
| | 688 | Schl Bldings, Grnds, and Equip (3) | |
| | 698 | Sem Theory of Ed Admin (3) | |
| EDFO | 631 | Philosophy of Education (3) | |
| MGT | 500 | Managing Org Behavior (3) | |
| MKG | 505 | Survey of Marketing (3) | |
| PEP | 609 | Sport Psychology (3) | |
| | 630 | Evaluation in PE (3) | |
| | 644 | Psych-Social Processes Sport (3) | |
| | 685 | Curriculum Development in PE (3) | |
| | 690 | Sport Sociology (3) | |

| | | | |
|------|-----|-----------------------------------|------|
| PR | 660 | P R Theories and Applications (3) | |
| | 664 | P R Evaluation Techniques (3) | |
| SPTA | 603 | Sport Ethics and Philosophy (3) | |
| | 605 | Administration of Recreation (3) | |
| | 619 | Sport Facilities and Events (3) | |
| | 620 | Seminar in Sport Admin (1-6) | |
| | 628 | International Sport (3) | |
| | 677 | Intercollegiate Athletics (3) | |
| | 691 | Historical Foundations Sport (3) | 9-12 |

Research requirements: 9-12 hours from one area (choose one)

Master of Arts, internship

| | | | |
|------|-----|---------------------------|---|
| PEP | 601 | Research App Non-Thesis | 3 |
| SPTA | 698 | Internship in Sport Admin | 6 |

Master of Arts, research paper/creative project

| | | | |
|------|-----|-----------------------------|------|
| EDPS | 641 | Statistical Methods (3) | |
| PEP | 601 | Research App Non-Thesis (3) | |
| RES | 697 | Research Paper (1-3) | |
| | | or | |
| CRPR | 698 | Creative Project (3 or 6) | 9-12 |

Master of Science, thesis

| | | | |
|------|-----|-------------------------------|----|
| EDPS | 641 | Statistical Methods (3) | |
| EXSC | 611 | Research Methods (Thesis) (3) | |
| THES | 698 | Thesis (1-6) | 12 |

33 hrs

Due to the differences in research requirements, the MA requires 12 hours of directed electives and the MS requires 9 hours of electives.

ATHLETIC TRAINING (AT)

Revised:

696 (PEP 696) Advanced Techniques in Athletic Training (3) Study in the administration of and techniques involved in athletic training practice.

EXERCISE SCIENCE (EXSC)

Revised:

402 Advanced Fitness Assessments in Exercise Science (3) An advanced laboratory-based course designed to introduce rationales and procedures of various health and fitness assessments, e.g. resting and exercise blood pressure, body composition, aerobic capacity, blood glucose and cholesterol, as well as implications of test results.
Open only to exercise science majors with advanced program status.

PHYSICAL EDUCATION: PROFESSIONAL (PEP)

Dropped:

696 Advanced Techniques in Athletic Training (3)

SPORT ADMINISTRATION (SPTA)

New:

470 International and Comparative Administration of Sport (3) An investigation of the nature and role of the sport industry of different world regions. Includes an analysis of selected national systems, international and comparative sport management, and international sporting events in order to better manage the growing diversity in U.S. sport organizations due to growing migration of athletes, coaches, and professionals.

Prerequisite: permission of the program coordinator.

Open only to sport administration majors with full acceptance status.

Revised:

195 Computer and Technology Applications for Sport Administration (3) An introductory course in computer technology focused upon application software use in word processing, desktop publishing, presentation graphics, spreadsheets, basic database management, and website design. Also includes an emphasis on the basics of operating systems, social media, and special technological applications of scheduling, statistical, and ticketing software unique to sport administration.

Prerequisite: permission of program coordinator.

Parallel: SPTA 190.

Not open to students who have credit in ISOM 125 or CS 104.

Open only to sport administration majors.

Department of Technology

TECHNOLOGY: COMPUTER TECHNOLOGY (TCMP)

New:

511 Data Management Systems Infrastructure (3) A conceptual and technological examination of information technology architectures essential to data management systems. Subject matter includes server operating systems, cluster architectures, computational platform virtualization, data center design, enterprise storage solutions, and data management systems. Current technology and trends in each infrastructure aspect will be examined.

TECHNOLOGY: MANUFACTURING (TMFG)

New:

495 Green Prototyping and Upcycling (3) Students use recycling, 3D printing, and lasers to design environmentally

sustainable products.

Not open to students who have credit in TMFG 595.

595 Research into Green Prototyping and Upcycling (3)

Students take a research-based approach to designing and creating prototypes that promote environmental sustainability using laser machining and 3D printing.

Not open to students who have credit in TMFG 495.

COLLEGE OF ARCHITECTURE AND PLANNING

Department of Architecture

Revised:

MINOR IN HISTORIC PRESERVATION, 15 hours

Sophomores, juniors, and seniors eligible with a 3.0 GPA or better; admission by historic preservation director based on 1-page statement of intent or interview.

| PREFIX | NO | SHORT TITLE | CR HRS |
|------------------------------|-----|---------------------------------|--------|
| ARCH | 440 | Intro to Hist Pres | 3 |
| Design History, 6 hours from | | | |
| ANTH | 242 | Folklore and Folklife (3) | |
| ARCH | 229 | History of Architecture 1 (3) | |
| | 329 | History of Architecture 2 (3) | |
| | 428 | Hist of N Amer Arch (3) | |
| | 430 | Hist and Arch, Plan, Eng MW (3) | |
| LA | 220 | LA History 1 (3) | |
| | 221 | LA History 2 (3) | |
| PLAN | 220 | Hist and Thry of Plan 1 (3) | |
| | 430 | Housing and Comm Dev (3) | |
| | 477 | History of Urban Form (3) | 6 |

Methods, 3 hours from

| | | | |
|------|-----|-------------------------------------|---|
| ARCH | 442 | Historic Preserv Res Meth Doc (3) | |
| | 445 | Hist Pres Design Graphic Doc (3) | |
| | 447 | Hist Pres Tech 1 (3) | |
| HIST | 240 | Introduction to Public History (3) | |
| | 445 | History and Historians (3) | |
| LA | 420 | Historic Land Preservation (3) | |
| PLAN | 412 | Intro to GIS for Urbn Plan (3) | |
| | 450 | Neighborhood Planning (3) | |
| | 481 | Public Participation (3) | |
| | 482 | Grant Proc and Admn for Plnrs (1-3) | 3 |

Law/Ethics/Issues, 3 hours from

| | | | |
|------|-----|------------------------------------|---|
| ARCH | 441 | Hist Pres Law and Planning (3) | |
| | 444 | Historic Preservation Econ (3) | |
| | 473 | HP Colloquium (3) | |
| PLAN | 452 | Urban Planning Law (3) | |
| | 458 | Intro to Multicul as Plan Cont (3) | |
| | 460 | Altern Sustainable Comm Plan (3) | |
| POLS | 455 | Administrative Law (3) | |
| SUST | 400 | Creating a Sustainable Future (3) | 3 |

MILLER COLLEGE OF BUSINESS

Department of Information Systems and Operations Management

Dropped:

MINOR IN INDUSTRIAL TECHNOLOGY, 15 hours

Revised:

MINOR IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT, 15 hours

| <i>PREFIX</i> | <i>NO</i> | <i>SHORT TITLE</i> | <i>CR HRS</i> |
|---------------|-----------|---------------------------------|---------------|
| ISOM | 300 | Project Management | 3 |
| | 351 | Operations Management | 3 |
| | 355 | Quality Mgmt and Lean Six Sigma | 3 |
| | | | 9 hrs |

Electives (choose two courses from)

| | | | |
|------|-----|------------------------------------|--------|
| ISOM | 361 | Simulation, Modeling, Optimiz (3) | |
| | 452 | Inventory, Warehousing, Negot (3) | |
| | 453 | Manufacturing Plan and Control (3) | |
| | 460 | Global Logistics, Transp Mgt (3) | 6 |
| | | | 15 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 (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. Students must have credit in ISOM 125 and 210 or equivalent.

Department of Management

Dropped:

MINOR IN ENTREPRENEURSHIP, 21 hours

MINOR IN INDUSTRIAL TECHNOLOGY, 15 hours

Revised:

MINOR IN ENTREPRENEURIAL MANAGEMENT, 18 hours

| <i>PREFIX</i> | <i>NO</i> | <i>SHORT TITLE</i> | <i>CR HRS</i> |
|---------------|-----------|--------------------------------|---------------|
| ACC | 201 | Principles of Accounting 1 (3) | |

| | | | |
|------|-----|--------------------------------|---|
| | | or | |
| ECON | 116 | Survey of Economic Ideas (3) | |
| | | or | |
| | 201 | Elementary Microeconomics (3) | 3 |
| MGT | 241 | The Entrepreneurial Experience | 3 |
| | 342 | Marketing for New Ventures | 3 |
| | 343 | Venture Leadership | 3 |
| | 345 | Management of New Ventures | 3 |

3 hours from

| | | | |
|------|-----|------------------------------------|--------|
| INTB | 265 | Intro to International Bus (3) | |
| MGT | 243 | Dynamics of Family Business (3) | |
| | 244 | Social Entrepreneurship (3) | |
| | 300 | Managing Behavior in Org (3) | |
| | 301 | International Management (3) | |
| | 361 | Managing Human Resources (3) | |
| | 399 | Management Practicum (1-6) | |
| | 497 | Independent Study (1-9) | |
| MKG | 300 | Principles of Marketing (3) | |
| RMI | 270 | Principles of Risk Mgt and Ins (3) | 3 |
| | | | 18 hrs |

MINOR IN FOUNDATIONS OF MANAGEMENT, 21 hours

Offers students the essential fundamentals for practicing business management in numerous applied settings. Presents students with the essentials of operations management, human resource management, organizational behavior, and small business management.

| <i>PREFIX</i> | <i>NO</i> | <i>SHORT TITLE</i> | <i>CR HRS</i> |
|---------------|-----------|--------------------------------|---------------|
| ACC | 201 | Principles of Accounting 1 | 3 |
| ECON | 116 | Survey of Economic Ideas (3) | |
| | | or | |
| | 201 | Elementary Microeconomics (3) | 3 |
| ISOM | 210 | Business Information Systems | 3 |
| | 251 | Introductory Operations Mgt | 3 |
| MGT | 241 | The Entrepreneurial Experience | 3 |
| | 300 | Managing Behavior in Org | 3 |
| | 361 | Managing Human Resources | 3 |
| | | | 21 hrs |

The prerequisite for ISOM 210 is ISOM 125 or equivalent.

MANAGEMENT (MGT)

Revised:

491 Business Policy and Strategic Management (3)

Integration of various functional areas of business. Development and administration of strategy and policy in private and public sector organizations. Case studies focus on strategic decisions that enable an organization to relate effectively to its industrial, national, and international environments. Normally taken during the last semester of a student's program.

Prerequisite: senior standing; ACC 201, 202, BL 260, ECON 201, 202, 221, FIN 300, ISOM 210, 249, 351, MATH

132, MGT 300, MKG 300. No simultaneous enrollment allowed.

COLLEGE OF FINE ARTS

School of Music

MUSIC MEDIA PRODUCTION (MMP)

Dropped:

302 Songwriting 2 (2)

Revised:

301 Songwriting (2) A continuation in the study of form, lyric development, and melodic structure of contemporary songwriting for commercial entertainment applications. An examination of leadsheet writing, demo production, copyright protection, and publishing of commercial songs is also provided.

Prerequisite: permission of the instructor.

330 Live Sound and Recording (3) An advanced course in recording technology. Individual problems in recording master tapes of solo, ensemble, and large group repertoire. Each project requires seminar and laboratory participation.

Prerequisite: MMP 236; permission of the director of the school.

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

MUSIC EDUCATION (MUSE)

Revised:

100 Introduction to Music Education 1 (2) An overview of the music teaching profession with an emphasis on philosophical foundations, curricular concepts, principles of instruction, professionalism, and initial portfolio development. Practicum includes guided observations of K-12 music programs and introductory teaching opportunities. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

Prerequisite: permission of the director of the school.

Open only to music education majors.

150 Introduction to Music Education 2 (2) Development of fundamental vocal performance techniques and performance skills on guitar, recorder, and other classroom instruments. Peer teaching experiences and introduction to classroom music repertoire for K-12 settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

Open only to music education majors.

250 Brass Techniques (2) Development of fundamental

performance skills on two or more brass instruments. Examination of performance problems, diagnostic techniques, teaching strategies, and other specialized topics related to brass instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

252 Woodwind Techniques 1 (2) Development of fundamental performance skills on flute, clarinet, and saxophone (minimum of two instruments). Examination of performance problems, diagnostic techniques, teaching strategies, and other specialized topics related to woodwind instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

253 Woodwind Techniques 2 (2) Development of fundamental performance skills on oboe and bassoon. Examination of performance problems, diagnostic techniques, teaching strategies, and other specialized topics related to double reed instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

254 Percussion Techniques (1) Development of fundamental performance skills on concert percussion (snare drum, bass drum, cymbals), timpani, and keyboard percussion. Examination of performance problems, diagnostic techniques, teaching strategies, and other specialized topics related to percussion instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

256 String Techniques (2) Development of fundamental performance skills on two or more string instruments. Examination of performance problems, diagnostic techniques, teaching strategies, and other specialized topics related to string instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

258 Voice Techniques (2) Development of fundamental vocal performance technique. Examination of performance problems, diagnostic techniques, teaching strategies, vocal anatomy and acoustics, care of the voice, and other specialized topics related to singing instruction in school settings. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or *W*.

Prerequisite: *C* or better grades in MUSE 100 and 150; permission of the director of the school.

350 Contemporary Issues in Music Education: Practicum and Applications (2) Observation and application of specialized music teaching techniques and curricular issues in ensemble and small group settings. Emphasizes performance-based assessment, classroom management, continued portfolio development, cooperative learning strategies, reflective evaluation, and critical thinking skills. A weekly seminar includes music classroom application of universal design for learning, strategies for English language learners, reading in the content area, and special needs accommodations in the music classroom. This course is limited to 2 attempts. An

attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSP 290; and MUSE 100 and 150 and 351 and 353; and MUSE 355 or 356; and MUSE 375 or 376.

Open only to music education majors.

351 Elementary General Music Methods (3) Focuses on philosophy, approaches/methods, and materials needed to teach a general music course in elementary school settings. Emphasizes teaching skill development, musical development of children, performance-based assessment, technology, classroom management, continued portfolio development, and field experiences. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150; permission of the director of the school.

353 Secondary General Music Methods (3) Focuses on philosophy, techniques, and materials needed to teach a general music course in middle and high school settings. Emphasizes teaching skill development, musical characteristics, needs of adolescents, performance-based assessment, technology, classroom management, continued portfolio development, and field experiences. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150; permission of the director of the school.

355 Instrumental Music Methods 1 (3) Focuses on developing the knowledge, performances, and dispositions required of school instrumental music educators in elementary and middle school settings. Topics include administration, curriculum development, literature selection, instructional planning, and teaching strategies. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150; or permission of the director of the school.

Open only to music majors and minors.

356 Choral Music Methods 1 (3) Focuses on developing the knowledge, performances, and dispositions required of school choral music educators in elementary and middle school settings. Topics include administration, curriculum development, literature selection, instructional planning, and teaching strategies. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150 and 258 and MUSP 290; permission of the director of the school.

375 Instrumental Music Methods 2 (3) Focuses on developing the knowledge, performances, and dispositions required of school instrumental music educators in the high school setting. Topics include administration, curriculum development, literature selection, instructional planning, and teaching strategies. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade

or W.

Prerequisite: C or better grades in MUSE 100 and 150 and MUSP 290; or permission of the director of the school.

Open only to music majors and minors.

376 Choral Music Methods 2 (3) Focuses on developing the knowledge, performances, and dispositions required of school choral music educators in the high school setting. Topics include administration, curriculum development, literature selection, instructional planning, and teaching strategies. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150 and 258 and MUSP 290; permission of the director of the school.

457 Specialized Approaches For Vocal/General Majors (3) Continuing study of music teaching methodologies in elementary general and secondary vocal programs. Topics include an in-depth focus on the approaches of Orff and Kodaly, and a project-based emphasis on organizing and directing madrigal singers, vocal jazz ensembles, show choirs, and musical productions at the middle and high school levels. This course is limited to 2 attempts. An attempt is defined as any registration resulting in a letter grade or W.

Prerequisite: C or better grades in MUSE 100 and 150 and 258 and 351 and 353 and 356 and 376; and MUSP 290; permission of the director of the school.

MUSIC THEORY AND COMPOSITION (MUST)

New:

223 Jazz Composition (2) The compositional process is explored through detailed study of melody, theme and development, jazz harmony and reharmonization, and rhythmic principles, using classic jazz compositions from all periods as models. These fundamental elements are then applied to lead sheet writing and short forms. Topics to include blues, jazz song form (AABA), modal jazz compositions, romantic melody (ballad) writing, original forms, and use of pentatonics.

Prerequisite: MUST 101 and 111 or permission of the instructor.

415 Jazz Arranging 2 (2) Continuation of MUST 414. The large jazz ensemble is covered along with writing for strings in a jazz setting. Different ways to create diverse textures as well as harmonic considerations are explored. The final project is an arrangement that is considered for a performance on the Spring concert.

Prerequisite: MUST 414.

Open only to music majors and minors.

Revised:

121 Introduction to Computer Music (3) An introductory course in computer music. Topics include digital audio, musique concrete, MIDI, digital audio workstations, audio

synthesis and sampling. Creative projects and laboratory time mandatory.

Open only to music majors.

COLLEGE OF SCIENCES AND HUMANITIES

Department of Computer Science

COMPUTER SCIENCE (CS)

New:

320 Mobile Software Development (3) Developing software for iOS and/or Android phones and/or tablets. Using programming languages for those platforms such as Objective-C, Swift, and/or Java. Includes introductions to programming graphical user interfaces and consuming web services.

Prerequisite: CS 121 with a C- or better.

Revised:

120 Computer Science 1 (4) Introduction to programming using a high-level language and an established programming paradigm. Emphasis on developing problem-solving skills and programming techniques. Topics include control structures, built-in data structures, simple sorting and searching, procedural abstraction, and paradigm-specific concepts and constructs. Required open-lab and closed-lab assignments to bring theory to practice.

Prerequisite: MATH 108 or 111 or 112 or 161 or 165 or equivalent (e.g., high enough math placement or completion of high school trigonometry or precalculus.)

222 Advanced Programming (3) Project-intensive study of advanced topics and best practices in software development, including advanced language features, modular decomposition, and development tools.

Prerequisite: CS 121 with a C- or better and either CS 124 or MATH 215 with a C- or better and ENG 103 or equivalent.

Prerequisite or parallel: ENG 104 or equivalent (e.g., testing or placement).

Open only to students in majors, minors, certificate programs and graduate students of the Department of Computer Science.

224 Design and Analysis of Algorithms (3) Topics include: analysis of algorithms; dynamic programming; probabilistic algorithms, examples of geometric, combinatorial, and graph algorithms, pattern matching; introduction to NP-completeness.

Prerequisite: CS 121 with a C- or better and either CS 124 or MATH 215 with a C- or better.

Open only to students in majors, minors, certificate programs and graduate students of the Department of Computer Science.

Department of English

Revised:

MASTER OF ARTS IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL), 36 hours

MASTER OF ARTS IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) AND LINGUISTICS, 45 hours

Admission requirements

Revising the following statement: Non-native speakers of English may submit Test of English as a Foreign Language (TOEFL) scores of at least 79 (or equivalent) in place of GRE scores.

DOCTOR OF PHILOSOPHY (PhD) IN ENGLISH, 90 hours

Concentration in Applied Linguistics and Concentration in Literature

Admission requirements

Revising the following statement: Non-native speakers of English must also submit Test of English as a Foreign Language (TOEFL) scores of at least 81 (or equivalent).

Concentration in Rhetoric and Composition

Admission requirements

Applicants must meet the admission requirements of the Graduate School and hold an earned master's or equivalent degree with a graduate grade-point average (GPA) of at least 3.3. To apply, submit a statement of purpose (750-1000 words), Graduate Record Examination (GRE) scores, a sample of scholarly or critical writing (15-25 pp double-spaced), and three letters of recommendation. Non-native speakers of English must also submit Test of English as a Foreign Language (TOEFL) scores of at least 81 (or equivalent).

Degree requirements

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------------|-----|--------------------------------|--------|
| Core courses | | | |
| ENG | 601 | Research in English Studies | 3 |
| | 604 | Teaching with Technology (3) | |
| | | or | |
| | 692 | Writing Technologies (3) | 3 |
| | 688 | Writ Program Admin (3) | |
| | | or | |
| | 689 | Writing Cntr Res and Admin (3) | 3 |
| | 693 | Writing in the Profession | 3 |
| | 694 | Classical Rhetoric | 3 |
| | 699 | Contemporary Theories Comp | 3 |

Students must choose either ENG 688 or 689 to fulfill a core requirement.

21-27 additional hours from

| | | | |
|---------------------------------------|-----|-------------------------------------|-------|
| ENG | 604 | Teaching with Technology (3) | |
| | | or | |
| | 692 | Writing Technologies (3) | |
| | 605 | Teaching in English Studies (3-9) | |
| | 609 | Indiana Writing Project (3) | |
| | 688 | Writ Program Admin (3) | |
| | | or | |
| | 689 | Writing Cntr Res and Admin (3) | |
| | 690 | Seminar in Composition (3-18) | |
| | 695 | Medieval and Early Mod Rhet (3) | |
| | 696 | 19th Century Rhetoric (3) | |
| | 701 | Independent Study (1-3) | |
| | 702 | Directed Study for Comp Exams (3-6) | |
| ID | 601 | Tchnng Pract in Hi Ed (3) | |
| Other courses as approved by advisor. | | | 21-27 |

Can include either ENG 688 or 689, provided the course has not already been taken to fulfill a core requirement. ENG 690 can only be taken for 3 hours per semester.

Courses from Master's degree or additional electives 32

| | | | |
|------|-----|------------------------------|--------|
| DISS | 799 | Doctor's Dissertation (1-24) | 16 |
| | | | 90 hrs |

For purpose of advising, enrollment in all graduate courses in the Department of English requires permission of the department.

ENGLISH (ENG)

New:

702 Directed Study for Comprehensive Exams (3-6)

Intensive study aimed at preparing for comprehensive exams at the doctoral level. Course involves independent study of the exam reading list as well as guided preparation through practice exam questions to be developed with and evaluated by the exam committee chair or representative.

A total of 6 hours of credit may be earned.

Open only to doctoral students.

Department of History

HISTORY (HIST)

Revised:

205 Introduction to Sport in American Life (3)

Add statement: Not open to students who have credit in PEP 205.

421 American Indians in Colonial and U.S. History (3)

Survey of Indian and white relations from 1492 to the present, focusing on the Indian wars, treaty making, various types of Indian and white interaction, and the development of federal and state Indian policy.

Department of Mathematical Sciences

MATHEMATICAL SCIENCES (MATH)

Revised:

519 Quantitative Reasoning for Teachers (3) Interpreting and using quantitative information in authentic contexts involving number, algebra, measurement, data analysis, and chance; representing quantitative information with mathematical models, and using quantitative information to analyze and construct written arguments. Includes explorations of pedagogical issues and design of teaching materials for the development of quantitative literacy.

694 Research Methods in Mathematics Education (3)

Research analysis and methodology in mathematics education.

Prerequisite: at least one year of teaching experience, and 18 hours of graduate credit in mathematics or mathematics education, including MATH 690, or permission of the department chairperson.

Department of Modern Languages and Classics

New:

PENDING ICHE APPROVAL

TEACHING MAJOR IN FOREIGN LANGUAGE: CHINESE, 85 hours (BA/BS)

| <i>PREFIX</i> | <i>NO</i> | <i>SHORT TITLE</i> | <i>CR HRS</i> |
|--|-----------|----------------------------------|---------------|
| CH | 101 | Beginning Chinese 1 | 4 |
| | 102 | Beginning Chinese 2 | 4 |
| | 201 | Intermediate Chinese 1 | 4 |
| | 202 | Intermediate Chinese 2 | 4 |
| | 301 | Advanced Chinese 1 | 4 |
| | 302 | Advanced Chinese 2 | 4 |
| | 303 | Readings in Chinese | 3 |
| | 304 | Composition | 3 |
| | 334 | Chinese Culture and Civil (3) | |
| | | or | |
| | 335 | Contemporary Chinese Culture (3) | 3 |
| | 337 | Chinese Linguistics | 3 |
| | 401 | Contemporary Masterpieces (3) | |
| | | or | |
| | 402 | Classical Masterpieces (3) | 3 |
| 6 hours from 300- and 400-level CH courses | | | 6 |
| | | | 45 hrs |

SENIOR HIGH, JUNIOR HIGH/MIDDLE SCHOOL EDUCATION PROGRAM

| <i>PREFIX</i> | <i>NO</i> | <i>SHORT TITLE</i> | <i>CR HRS</i> |
|---------------|-----------|--------------------|---------------|
|---------------|-----------|--------------------|---------------|

| | | | |
|--|-----|--------------------------------|--------|
| <i>Professional education sequence, 40 hours</i> | | | |
| EDFO | 420 | Soc, Hist, Phil Found of Ed | 3 |
| EDJH | 385 | Prin of Tchng in Mid Schl | 3 |
| EDMU | 205 | Intro to Multicul Ed | 3 |
| EDPS | 251 | Development Secondary | 3 |
| | 390 | Educational Psychology | 3 |
| EDSE | 380 | Princ of Tchng in Sec School | 3 |
| FL | 150 | Intro to FL Education | 3 |
| | 295 | FL Field Experience | 1 |
| | 395 | WL Methods, Reading, Materials | 3 |
| | 396 | Tech and Assessment in FLE | 3 |
| Student teaching | | | 12 |
| | | | 40 hrs |

See Professional Education Assessment/Decision Points for additional information.

Department of Natural Resources and Environmental Management

EMERGENCY MANAGEMENT AND HOMELAND SECURITY (EMHS)

New:

299X Experimental Course (1-3) Topics relevant to emergency management and homeland security. Course titles will be announced before each semester.

A total of 3 hours of credit may be earned.

353 Arson Investigation (3) Examination of the principles and practices involved in arson investigation. Extensive discussion of fire science, fire dynamics, fire analysis, properties of explosives and their reactions, scientific methodology, hazardous materials, building construction, human behavior, and analytical tools in the arson investigation.

553 Arson Investigation (3) Examination of the principles and practices involved in arson investigation. Extensive discussion of fire science, fire dynamics, fire analysis, properties of explosives and their reactions, scientific methodology, hazardous materials, building construction, human behavior, and analytical tools in the arson investigation.

NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT (NREM)

New:

442 Air Quality Management (3) Basic technical and regulatory requirements of air quality management to plan and guide a successful air quality program at the facility level. Compliance, emission inventories and processes, meteorology and dispersion modeling, and permitting.

Prerequisite: NREM 241.

542 Air Quality Management (3) Basic technical and regulatory requirements of air quality management to plan and guide a successful air quality program at the facility level.

Compliance, emission inventories and processes, meteorology and dispersion modeling, and permitting.

Prerequisite: NREM 241 or approval of instructor.

Department of Philosophy and Religious Studies

PHILOSOPHY (PHIL)

Dropped:

315 African American Philosophy (3)

Department of Physics and Astronomy

New:

PENDING ICHE APPROVAL

MAJOR IN ASTRONOMY (BA/BS), 66-67 hours

| PREFIX | NO | SHORT TITLE | CR HRS |
|-----------------------|-----|--------------------------------------|--------|
| Common core, 60 hours | | | |
| ASTR | 120 | The Sun and Stars | 3 |
| | 122 | Stel Evol, Galaxies, and Cosmo | 3 |
| | 330 | Astronomy and Astrophysics 1 | 4 |
| | 332 | Astronomy and Astrophysics 1 | 4 |
| | 386 | Adv Observational Astronomy | 3 |
| | 380 | Topics in Modern Astronomy (2) | 4 |
| MATH | 165 | Calculus 1 | 4 |
| | 166 | Calculus 2 | 4 |
| | 267 | Calculus 3 | 4 |
| PHYC | 115 | Career Issues | 1 |
| | 120 | General Physics 1 | 5 |
| | 122 | General Physics 2 | 5 |
| | 260 | Introduction to Modern Physics | 4 |
| | 330 | Mechanics | 3 |
| | 464 | Intro to Quant Mech | 3 |
| | 483 | Seminar in Physics (1-2) | 2 |
| | 485 | Meas of Lrnng in Physics | 1 |
| 3 hours from | | | |
| PHYC | 369 | Professional Experience (1-3) | |
| | or | | |
| | 479 | Practical Experience (1-3) | |
| | or | | |
| | 482 | Independent Studies in Physics (1-3) | |
| | or | | |
| HONR | 499 | Senior Honors Project (3) | 3 |
| | | | 60 hrs |

Electives, 6-7 hours from the following:

| | | |
|------|-----|---------------------------|
| PHYC | 336 | Computational Physics (3) |
| | 340 | Physical Optics (3) |
| | 354 | Electronics 1 (4) |
| | 434 | Thermal Physics (3) |

**MAJOR IN HEALTH EDUCATION AND PROMOTION
BA/BS), 69 hours**

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------------|-----|------------------------------------|--------|
| ANAT | 201 | Fundamentals of Human Anatomy | 3 |
| HSC | 160 | Fundamentals of Human Health | 3 |
| | 180 | Principles of Community Health | 3 |
| | 200 | Intro to Health Ed and Promotion | 3 |
| | 210 | Health Behavior Theories | 3 |
| | 220 | Pop Race and Cult in Hlth Promtn | 3 |
| | 301 | Prog Plan in Hlth Promotion 1 | 3 |
| | 302 | Prog Plan in Hlth Promotion 2 | 3 |
| | 310 | Healthcare Systems | 3 |
| | 344 | Disease Mgt in Hlth Promotion | 3 |
| | 387 | Quant Mthds and Epid Hlth Pro | 3 |
| | 388 | Org Admin in Hlth Promotion | 3 |
| | 479 | Internship | 6 |
| | 482 | Environmental Health | 3 |
| | 487 | Applied Res Writ Eval Hlth Pro | 3 |
| | 494 | Health Communication | 3 |
| | 495 | Prof Prep in Hlth Promotion | 3 |
| PHYS | 205 | Fund of Hum Phys | 3 |
| 3 hours from | | | |
| CPSY | 230 | Human Relation Development (3) | |
| EDPS | 430 | Mental Health (3) | |
| GERO | 440 | Women and Aging (3) | |
| HSC | 462 | Hlth Prmtn in the Worksite (3) | |
| | 468 | Consumer Health Issues (3) | |
| | 469 | Health and Aging (3) | |
| | 472 | Women and Health (3) | |
| MKG | 310 | Consumer Behavior (3) | |
| NREM | 309 | Human Dimensions Global Chnge (3) | |
| POLS | 342 | Problems in Public Policy (3) | |
| | 347 | Environmental Law and Policy (3) | |
| PSYS | 324 | Psychology of Women (3) | |
| SOC | 424 | Family (3) | |
| | 431 | Aging and the Life Course (3) | 3 |
| 3 hours from | | | |
| ANTH | 311 | Ethnicity and Race (3) | |
| | 427 | Culture and Medicine (3) | |
| CPSY | 470 | Cross-Cult Counseling (3) | |
| EDMU | 206 | Adv Ethnic Multicul Grp Beh (3) | |
| FCFC | 202 | Family Wellness (3) | |
| NREM | 357 | Internat Community Development (3) | |
| PSYS | 424 | Psychology of Diversity (3) | |
| SOC | 320 | Social Inequality (3) | |
| | 328 | Global and the Social World (3) | |
| | 421 | Racial and Cultural Minor US (3) | |
| WGS | 220 | International Womens Issues (3) | 3 |
| 3 hours from | | | |
| BIO | 313 | Microbiology (4) | |
| CPSY | 360 | Aspects of Sexuality (3) | |
| EDPS | 350 | Child Psychology (3) | |
| | 351 | Adolescent Psychology (3) | |
| | 355 | Adult Psychology (3) | |
| FCFN | 240 | Nutrition for Educators (3) | |
| | 275 | Personal Nutrition (3) | |
| | 340 | Prin of Human Nutrition (3) | |

ASTRONOMY (ASTR)**Revised:**

380 Topics in Modern Astronomy (2) Covering selected topics in contemporary astronomy. Extensive use of library facilities including current journals and periodicals in astronomy. Discussions of current astronomical research.

Prerequisite: permission of the instructor.

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

386 Advanced Observational Astronomy (3) The development of methods used to compute stellar positions, distances, motions, temperatures, and luminosities will be reviewed and applied. Astronomical instruments, in the context of their use in observational astronomy, will be discussed and used. The topics of astronomical astrometry, photometry, and spectroscopy along with image acquisition and processing of CCD images will be discussed.

Prerequisite: ASTR 332.

580 Topics in Modern Astronomy (2) Covering selected topics in contemporary astronomy. Extensive use of library facilities including current journals and periodicals in astronomy. Discussions of current astronomical research.

Prerequisite: permission of the instructor.

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

Not open to students who have credit in ASTR 380 under the same title.

586 Advanced Observational Astronomy (3) Observatory and laboratory experience in investigating modern techniques in observational astronomy. Characteristics of telescopes, CCD cameras, electronic data acquisition, and software processing systems. Methods of reducing raw data.

PHYSICS (PHYC)**Revised:****120 General Physics 1 (5)**

Add statement: Not open to students who have credit in PHYC 140.

140 General Physics 1 (Calculus-based) (4)

Revise statement from: Students cannot get credit for both PHYC 120 and PHYC 140.

to: Not open to students who have credit in PHYC 120.

**Department of Physiology and Health
Science****Revised:**

| | | | |
|--------------|-----|-------------------------------------|--------|
| HSC | 261 | Health, Sex and Family Life (3) | |
| | 464 | Hlth Ed in the Clinical Sttng (3) | |
| | 467 | Drug Dependency and Abuse (3) | |
| | 471 | Death and Dying (3) | |
| | 481 | Stress Management (3) | |
| PSYS | 277 | Psychology of Sexual Behavior (3) | |
| | 301 | Health Psychology (3) | 3 |
| 3 hours from | | | |
| CPSY | 400 | Fundamentals of Counseling (3) | |
| | 420 | Psychological Intervention (3) | |
| ECON | 348 | Health and Economics (3) | |
| EMHS | 350 | Haz Mat Health and Safety (3) | |
| | 351 | Intro Emergency Management (3) | |
| FCFC | 450 | Consumer Education (3) | |
| | 484 | Family Stressors and Crises (3) | |
| NREM | 347 | Occupational Indust Hygiene (3) | |
| SOC | 341 | Sociology of Health and Illness (3) | |
| | 433 | Sociology of Mental Health (3) | |
| TDPT | 301 | Develop Manage S and H Programs (3) | |
| | 360 | Industrial Safety and Health (3) | 3 |
| | | | 69 hrs |

Students are responsible for all elective courses.

HEALTH SCIENCE (HSC)

Dropped:

300 Health Promotion Programming (5)

New:

302 Program Planning in Health Promotion 2 (3) Explores the major components of health promotion program implementation and evaluation. Students will have the opportunity to design and conduct program evaluation.

Prerequisite: HSC 301.

Revised:

301 (300) Program Planning in Health Promotion 1 (3) Explores the major components of health promotion program planning, conducting needs assessments, and developing appropriate interventions.

Prerequisite: HSC 210 and 220.

Open only to health education and promotion majors and community health education minors.

479 Internship (6) Serves as the culminating experiential opportunity enabling students to demonstrate their ability to perform the UCC Tier 3 cognitive skills from "experience to information to action." Consists of a paid or unpaid internship experience in an approved environmental, public, community, clinical, worksite, or other health science program setting working a minimum of 360 hours. Integrates specified academic elements in addition to on-site work objectives. The internship provides students with experience in a minimum of four of the seven responsibility areas as outlined in the Responsibilities and Competencies for Entry-Level Health

Education Specialists (NCHEC).

Prerequisite: admission to internship program.

Department of Political Science

POLITICAL SCIENCE (POLS)

Revised:

431 Congress (3) Analysis of the legislative process with focus on the United States Congress. The process of legislative decision making will be highlighted.

Prerequisite: POLS 130 or permission of the department chairperson.

432 The Presidency (3) Analysis of the power and roles of the American president. Problems of jurisdiction, leadership, authority, and communication are examined.

Prerequisite: POLS 130 or permission of the department chairperson.

433 The Judiciary (3) Analysis of the nature and functions of state and federal judicial systems. Emphasizes the United States Supreme Court and the opinions and behavior of the justices.

Prerequisite: POLS 130 or permission of the department chairperson.

Department of Psychological Science

Revised:

MAJOR IN PSYCHOLOGICAL SCIENCE (BA/BS), 39 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 | Professl Ethics in Psychology | 1 |

3 hours from

| | | | |
|------|-----|------------------------------|---|
| PSYS | 316 | Social Psychology (3) | |
| | 317 | Personality (3) | |
| | 321 | Developmental Psychology (3) | |
| | 432 | Abnormal Psychology (3) | 3 |

3 hours from

| | | | |
|------|-----|-------------------------------|---|
| PSYS | 364 | Psychology of Learning (3) | |
| | 371 | Applied Behavior Analysis (3) | |
| | 416 | Cognitive Psychology (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 | Introduction to Neuroscience (3) | |
| | 412 | Sensation and Perception (3) | 3 |

| | | | |
|--------------|-----|---------------------------------|---|
| 3 hours from | | | |
| PSYS | 492 | Research Seminar (3) | |
| | 499 | Dept Honors in Psychology (1-2) | 3 |

| | | | |
|--|--|--|---|
| 6 hours at 300- or 400-level PSYS (no more than 3 hours from PSYS 478, 479, 497, or 498) | | | 6 |
|--|--|--|---|

| | | | |
|--|--|--|---|
| 6 hours at 400-level PSYS (no more than 3 hours from PSYS 478, 479, 497, or 498) | | | 6 |
|--|--|--|---|

39 hrs

To declare a major in psychological science students must complete PSYS 100 with a grade of C or better, PSYS 241 with a grade of C or better, and have a minimum GPA of 2.0 in all completed PSYS courses. All students will be required to take major field exam in psychology before graduation.

Department of Speech Pathology and Audiology

SPEECH PATHOLOGY AND AUDIOLOGY (SPAA)

Dropped:

319 Clinical Practicum (3)

Revised:

419 (319) Clinical Practicum (3) Clinical practicum in speech-language pathology and audiology/aural rehabilitation. Students perform observations and provide supervised clinical services for persons with various communication disorders.

Prerequisite: SPAA 101 and 210 and 270 and 311 and 312 and 371.

Open only to approved clinical SPAA majors.

TEACHERS COLLEGE

Department of Counseling Psychology and Guidance Services

COUNSELING PSYCHOLOGY (CPSY)

Revised:

614 Career Counseling, Assessment, and Interventions (3) Psychologists' and counselors' roles in using results from

career-related assessment and diagnostic tools, intervention strategies related to career exploration, decision making, and life career adjustment; sources and application of career-development materials.

Department of Educational Psychology

EDUCATIONAL PSYCHOLOGY (EDPS)

New:

649 Fundamentals of Neuropsychology (3) Introduction to brain-behavior relationships with special emphasis on cognitive, emotional, and biological contributors to behavior. Brain dysfunction and common disorders are explored with an empirical approach using basic neuroscience research methods. This course is offered on-line only, primarily intended for those seeking a Certificate in Neuropsychology.

Not open to students who have credit in EDPS 652.

655 Child Neurodevelopment (3) Study of brain-behavior relationships in children with special emphasis on neurodevelopment. Discussion of research concerning various childhood disorders, diagnostic issues and rehabilitation planning. This course is offered on-line only, primarily intended for those seeking a Certificate in Neuropsychology.

Prerequisite: EDPS 649 or 652, or permission of the department chairperson.

Not open to students who have credit in EDPS 656.

665 Concepts of Developmental Psycholinguistics (3) Review and analysis of the psychological and neurobiological factors related to language acquisition and development. Discussion of theories related to language acquisition, usage, and behavior. Introduction to language development with the purpose of remediation and intervention. This course is offered on-line only, primarily intended for those seeking a Certificate in Neuropsychology.

Prerequisite: EDPS 649 or 652, or permission of the department chairperson.

Not open to students who have credit in EDPS 669.

753 Advanced Topics in Neuropsychology (3) Introduces advanced materials, procedures, and research in clinical neuropsychology. Topics of discussion emphasize selected disorders, rehabilitation and professional issues. This course is offered on-line only, primarily intended for those seeking a Certificate in Neuropsychology.

Prerequisite: EDPS 649 or 652, EDPS 655 or 656, and EDPS 665 or 669.

Not open to students who have credit in EDPS 754.

Department of Educational Studies

Revised:

DOCTORAL COGNATE IN CULTURAL AND EDUCATIONAL POLICY STUDIES

Recommended for doctoral students who contemplate teaching courses or conducting research in the field of educational foundations or who wish to strengthen their professional preparation by broadening their understanding of the bases of educational policy and practice. See graduate program director for detailed information about cognate requirements.

| | | |
|-----|---------------------------------------|---|
| 307 | Ethical and Prof Practice in Beh Anal | 3 |
| 309 | Prin of ABA for Spec Ed | 3 |
| 315 | Advanced Behavior Analysis | 3 |

15 hrs

This program is offered on-line only. Not open to students with a Minor in Autism Spectrum Disorders.

Department of Elementary Education

EDUCATION: ELEMENTARY (EDEL)

Revised:

645 Advocacy and Leadership in Childhood Education (3)

Examines professional responsibility in the field of early childhood education, considering issues such as ethics, equity, standards, assessment, accreditation, the preparation of early childhood educators, and advocacy.

EDUCATION: READING (EDRD)

Revised:

620 Disciplinary and Integrated Literacy in Elementary Classrooms (3) Procedures for developing effective reading skills to be applied by teachers. Focuses on the relationship between the processes of literacy and the methods to enhance content area reading in order to meet the total range of student literacy needs.

640 Issues in the Teaching of Literacy (3) Current approaches and recent trends in the teaching of literacy (K-12). Emphasizes present practices in the teaching of literacy and implication of research in literacy.

690 Reading Practicum (3) Supervised experience in teaching persons with reading disabilities in a clinical setting. Emphasizes the use of specialized techniques and materials selected and designed in the light of extensive diagnostic information.

Prerequisite: EDRD 692.

692 Clinical Diagnosis of Reading Difficulties (3) The psychology of reading difficulties, individual diagnostic techniques, and the planning of reading programs for severely disabled readers in a clinical setting.

Prerequisite: EDRD 680.

Department of Special Education

New:

MINOR IN APPLIED BEHAVIOR ANALYSIS, 15 hours

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------|-----|------------------------------------|--------|
| SPCE | 280 | Beh Anal Prin, Proc, and Phil | 3 |
| | 290 | Intro to Autism Spectrum Disorders | 3 |

MINOR IN AUTISM SPECTRUM DISORDERS, 15 hours

| PREFIX | NO | SHORT TITLE | CR HRS |
|--------|-----|-------------------------------------|--------|
| SPCE | 280 | Beh Anal Prin, Proc, and Phil | 3 |
| | 290 | Intro to Autism Spectrum Disorders | 3 |
| | 292 | Treatment and Interventions for ASD | 3 |
| | 309 | Prin of ABA for Spec Ed | 3 |
| | 320 | Advanced Interventions for ASD | 3 |

15 hrs

This program is offered on-line only. Not open to students with a Minor in Applied Behavior Analysis.

SPECIAL EDUCATION (SPCE)

New:

280 Behavior Analysis: Principles, Procedures, and Philosophy (3) Focuses on the philosophical assumptions of behavior analysis and introduces the basic principles and procedures of behavior analysis. Behavioral service delivery within education and health service settings also are emphasized.

290 Introduction to Autism Spectrum Disorders (3) Focuses on understanding autism spectrum disorders through the life span. Diagnostic criteria and differentiation from other developmental disorders is emphasized. Identification, assessment, and treatment of individuals with autism spectrum disorders are reviewed.

292 Treatment and Interventions for Autism Spectrum Disorders (3) Introduces students to key concepts essential in implementing interventions for individuals with autism spectrum disorders (ASD). The wide variety of interventions and treatments used with individuals with ASD are reviewed. Theoretical foundations, educational practices, and family factors that influence interventions are discussed.

Prerequisite: C or better in SPCE 290.

307 Ethical and Professional Practice in Behavior Analysis (3) Address issues relevant to the ethical and professional practice of behavior analysis. Emphasis is placed on ethical considerations related to assessment, data collection, and implementation of behavioral treatments.

Prerequisite or parallel: SPCE 280 or concurrent enrollment.

315 Advanced Behavior Analysis (3) Advanced concepts of behavior analysis are covered. Students also are expected to

demonstrate their application of behavioral concepts through the development and implementation of behavioral interventions with individuals within the educational setting, health service setting, or both.

Prerequisite: C or better in SPCE 280, 307, and 309.

320 Advanced Interventions for Autism Spectrum

Disorders (3) In-depth analysis of evidence-based interventions used with individuals with autism spectrum disorders is provided. Strong emphasis is placed on utilizing research to support, develop, and implement interventions.

Prerequisite: C or better in SPCE 292.

Revised:

610 Behavioral Consultation (3) Training and supervised experience in providing behavioral consultation. Emphasizes the design and implementation of interventions for improving behavior and promoting adaptive skills in a variety of applied settings. Focuses on the analysis of consultant-consultee interactions in problem identification, problem solving, and outcome evaluation.

Prerequisite: grade of B or better in SPCE 609 or equivalent.

611 Advanced Applied Behavior Analysis (3) Building upon an introduction to applied behavior analysis, provides an in-depth treatment of behaviorological principles and advanced coverage of special topics including antecedent interventions, behavioral fluency, development of verbal behavior, and planning and evaluating applied behavioral research. Content aligns with the task list for Board Certified Behavior Analysts.

Prerequisite: grade of B or better in SPCE 609 or equivalent.

Laura Helms, Director
Office of Academic Systems