Minutes of the Undergraduate Curriculum Committee
November 14, 2014
101A, General Services Complex

Members present: Tim Scott (Chair), College of Science; James Herman (Vice Chair), College of Veterinary Medicine and Biomedical Sciences; Bob Knight, College of Agriculture and Life Sciences; Leslie Feigenbaum, College of Architecture; Jon Jasperson, Mays Business School; Prasad Enjeti, Dwight Look College of Engineering; Shari Yvon-Lewis (for Chris Houser), College of Geosciences; Leonard Bright, Bush School of Government and Public Service; Trez Jones (for Christine Bergeron), College of Education and Human Development; Patricia Campbell, Texas A&M Baylor College of Dentistry; Steve Oberhelman, College of Liberal Arts; Brian Holland (for Cathy Hansen), School of Nursing; Bernard Appiah (for Rick Danko), School of Public Health; Glenn Jones, Texas A&M University at Galveston; Stephanie Graves, Texas A&M University Libraries; Jim Kracht (for Ann Kenimer), Undergraduate Studies; Jean Layne, Center for Teaching Excellence; John Louis Bolch, Office of the Registrar.

Guests: Donna Adcock, Department of Agricultural Economics; Donna Witt, Department of Animal Sciences; David Peterson, Department of Biochemistry and Biophysics; Diane Lovell Osburn, Blinn College; Aydin Karsilayan, Department of Electrical and Computer Engineering; Whitney Korthauer, Department of Engineering Technology and Industrial Distribution; Michael Arnold, Department of Horticultural Sciences; Andy Armstrong, College of Liberal Arts; Poppy Capehart, Department of Nutrition and Food Sciences; Donnalee Dox and Jeff Morris, Department of Performance Studies; Jennifer Allen and Allison Moore, Department of Poultry Science; Angela Banner, Barbara Hosler and Shelby Schiller, Office of the Registrar

The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the October 10, 2014 meeting.

2. New Courses

AFST 303. Psychology of Women of Color. (3-0). Credit 3. Interdisciplinary theories to study the unique yet intersectional experiences of women from different racial groups, ethnicities, nationalities and cultural backgrounds; scholarly research from the diversity science field; contemporary topics that have developed in a global context; examination of complex issues, which affect women of color across the lifespan. Prerequisite: Grade of C or better in AFST 201 or PSYC 107 or WGST 200, or approval of instructor. Cross-listed with PSYC 303 and WGST 303.

AGSM 473. Project Management for Agricultural Systems Technology. (3-0). Credit 3. Development of fundamental skill set in project management; basic knowledge of project management methods, tools and techniques; includes organization and life cycle, management processes, integration management, time management, cost management, quality management, communications management, risk management, procurement management, stakeholder management. Prerequisites: AGSM 301 and senior classification.

ANSC 309. Applied Animal Record Keeping. (2-2). Credit 3. Keeping, analyzing and interpreting records to make fully-informed decisions on a day-to-day basis for production and management scenarios; practical application unique to animal science and meat processing. Prerequisite: Junior or senior classification.

ANTH 226. Introduction to Biological Anthropology Laboratory. (0-3). Credit 1. Exploration of basic evolutionary principles through population genetics; hands-on exposure to the fossils of primate and human evolution along with opportunity to measure, compare, contrast and observe trends that have occurred throughout the Cenozoic era. Concurrent registration in ANTH 225 is recommended.

ARAB 475. Media and the Middle East. (3-0). Credit 3. Examination of how media (e.g., literature, news, film, television) contribute to our understanding of historical events in the Middle East; analysis of cultural, social, political and historical circumstances of media representation of events; exploration of various media genres' techniques and narrative structure. May be taken two times for credit with a focus on different medium. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with COMM 475.

BIMS 110. One Health in Action. (1-0). Credit 1. Exploration of the concept of One Health; the interconnected and interdependent health of humans, animals and ecosystems; the conceptual framework that encompasses human and veterinary medical sciences, agricultural sciences, food safety, public health, epidemiology, environmental health, toxicology, wildlife ecology and conservation and many related fields of study or research. Prerequisite: Freshman or sophomore classification or approval of instructor.

COMM 475. Media and the Middle East. (3-0). Credit 3. Examination of how media (e.g., literature, news, film, television) contribute to our understanding of historical events in the Middle East; analysis of cultural, social, political and historical circumstances of media representation of events; exploration of various media genres' techniques and narrative structure. May be taken two times for credit with a focus on different medium. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with ARAB 475.

CVEN 250. Introduction to Graphics and Visualization Applications in Civil Engineering Design. (1-3). Credit 2. Graphical communication in the civil engineering design process; introduction to industry standard software; construction documents and contract drawings in civil engineering applications; data analysis; introduction to project visualization.

ECEN 425. Radio Frequency and Microwave Engineering. (3-0). Credit 3. Fundamental Radio Frequency (RF) and microwave circuit analysis: scattering and ABCD matrices, return loss, insertion loss; transmission lines, lumped elements, impedance matching; theory, analysis and design of basic RF and microwave passive circuits; use of commercial CAD programs for RF and microwave circuit design and simulation. Prerequisites: Grade of C or better in ECEN 322; junior or senior classification.

EHRD 490. Research in Human Resource Development/Technology Management. (3-0). Credit 3. Investigative techniques currently employed in human resource development (HRD) and technology management (TCM) including the context of HRD/TCM research, planning HRD/TCM research, styles of HRD/TCM research, and strategies for data collection and researching. Prerequisites: Junior or senior classification; admitted to professional phase; EHRD 391 with a grade of C or better.

ENGL 211. Foundations in Cultural Studies. (3-0). Credit 3. Introduction to history, influence and major ideas of Cultural Studies; use of culture as a means to critique social problems and understand social forces; analysis of culture in its relationship to power; participation in project investigating contemporary U.S. youth subcultures. Cross-listed with INTS 211.

FSTC 405. Egg and Poultry Meat Processing. (3-0). Credit 3. Principles of egg and poultry meat processing, understanding egg and poultry meat markets, egg and meat grading, product safety, packaging and consumer acceptance of shell eggs and poultry meat, specifically turkey and broilers. Prerequisites: Junior or senior classification or approval of instructor. Cross-listed with POSC 405.

GENE 312. Comprehensive Genetics Laboratory. (0-3). Credit 1. Exercises in Mendelian genetics, meiosis, probability theory in pedigrees, population and quantitative genetics, as well as other genetics theory; molecular techniques to examine DNA and analyze outcomes. Prerequisite: GENE 301 or GENE 302 or registration therein.

GEOL 316. Team Research in Geology and Geophysics. (0-9). Credit 3. Team-based research in geology and geophysics; hypothesis development, data collection, data interpretation; communication of geological/geophysical interpretations and data. May be taken four times for credit. Prerequisites: GEOL 203 or concurrent enrollment and approval of instructor.

GEOL 478. Earth Science Modeling. (3-3). Credit 4. Techniques for building, solving and analyzing numerical models applied to a wide variety of problems in geology, geochemistry, geobiology and geophysics; derivation and scaling of conservation laws; finite difference and finite element techniques; programming in MATLAB or a higher-level language. Prerequisites: MATH 151; MATH 152; junior or senior classification.

INTS 211. Foundations in Cultural Studies. (3-0). Credit 3. Introduction to history, influence and major ideas of Cultural Studies; use of culture as a means to critique social problems and understand social forces; analysis of culture in its relationship to power; participation in project investigating contemporary U.S. youth subcultures. Cross-listed with ENGL 211.

INTS 301. Theories of Globalization. (3-0). Credit 3. Diverse global and international cultural processes in their economic and political contexts; analyses of theoretical lenses on transnationalism including diaspora, hybridity, liminality, marginality, cyborgism, nomadism, scapes and flows and others; case studies of global cultures. Prerequisite: Junior or senior classification or approval of instructor.

MUSC 250. Individual Performance: Woodwind I (0-3). Credit 1. Instruction in woodwind performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specifics periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisite: Approval of instructor.

MUSC 251. Individual Performance: Brass I. (0-3). Credit 1. Instruction in brass performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisite: Approval of instructor.

MUSC 252. Individual Performance: Percussion I. (0-3). Credit 1. Instruction in percussion performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisite: Approval of instructor.

MUSC 253. Individual Performance: Guitar I. (0-3). Credit 1. Instruction in guitar performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisite: Approval of instructor.

MUSC 256. Individual Performance: String I. (0-3). Credit 1. Instruction in string performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisite: Approval of instructor.

MUSC 259. Individual Performance via Classroom Instruction. (0-3). Credit 1. Individual performance skills studied in a classroom setting; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods. May be taken six times for credit.

MUSC 350. Individual Performance: Woodwind II. (0-3). Credit 1. Advanced instruction in woodwind performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisites: Junior or senior classification and approval of instructor.

MUSC 351. Individual Performance: Brass II. (0-3). Credit 1. Advanced instruction in brass performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisites: Junior or senior classification and approval of instructor.

MUSC 352. Individual Performance: Percussion II. (0-3). Credit 1. Advanced instruction in percussion performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisites: Junior or senior classification and approval of instructor.

MUSC 353. Individual Performance: Guitar II. (0-3). Credit 1. Advanced instruction in guitar performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisites: Junior or senior classification and approval of instructor.

MUSC 356. Individual Performance: String II. (0-3). Credit 1. Advanced instruction in string performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be taken six times for credit. Prerequisites: Junior or senior classification and approval of instructor.

NUTR 365. Nutritional Physiology of Vitamins and Minerals. (3-0). Credit 3. Fundamental nutritional significance of fat soluble and water soluble vitamins and minerals to human metabolism, cell biology and physiology; micro-nutrient groups as per metabolic function or biochemical and physiological actions; important dietary sources, absorption, storage, metabolism, (bio)chemistry, deficiency and toxicity of individual nutrients in this context and basis of DRIs. Prerequisites: NUTR 203 and NUTR 301; junior or senior classification.

PERF 101. Introduction to Performance Studies. (3-0). Credit 3. Survey of topics in the interdisciplinary field of performance studies, including forms of performance, performance in everyday life and performance in global and intercultural contexts; in-class performance exercises and discussions; major writing component.

PERF 481. Senior Project. (1-5). Credit 3. Capstone senior project on an individually-chosen research topic, presentation of a performance or interdisciplinary project; major writing and oral communication components. Prerequisites: Performance studies major; completion of all performance studies coursework or taken concurrently with PERF 481; approval of instructor, advisor and department head.

PHLT 305. Epidemiology in Public Health. (3-0). Credit 3. Principles of epidemiology, a systematic approach to collecting and evaluating information on distributions of health outcomes in populations; history of epidemiology, descriptive epidemiology, epidemiologic methods, association and causation, evidence-based public health and applications. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 332. Occupational Safety and Health II. (3-0). Credit 3. Occupational safety and health topics including behavior-based safety, workplace violence, preparedness, hazardous materials, construction, transportation, required written programs and professional resources. Prerequisites: Public health major; PHLT 331; or approval of instructor.

PHLT 412. Health Advocacy and Policy. (3-0). Credit 3. Concepts of legal, ethical, economic and regulatory dimensions of public health policy; the roles, influences and responsibilities of the different agencies and branches of government; advocacy for the public's health at all levels of society. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 413. Public Health Informatics. (3-0). Credit 3. Broad range of knowledge and skills encompassed by PHI; bridging public health data/information needs, information technology and stakeholders; creating user requirements to guide system design; evidence-based public health; electronic health records. Prerequisite: PHLT 302 or approval of instructor.

PHLT 414. Applications of Epidemiology in Public Health. (3-0). Credit 3. Application of the concept of distribution, determinants and measurement of health and disease outcomes in populations in real life situations through lectures, case studies and presentations. Prerequisites: Public health major; PHLT 305; or approval of instructor.

PHLT 415. Emergency Management in Public Health. (3-0). Credit 3. Principles and practices of emergency management at the local, state, national and international levels; explores stages of emergency management such as preparedness, response and recovery; includes population health and the basic processes, approaches and interventions; emergency management systems in the United States; actors in emergency management. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

POSC 405. Egg and Poultry Meat Processing. (3-0). Credit 3. Principles of egg and poultry meat processing, understanding egg and poultry meat markets, egg and meat grading, product safety, packaging and consumer acceptance of shell eggs and poultry meat; specifically turkey and broilers. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with FSTC 405.

PSYC 303. Psychology of Women of Color. (3-0). Credit 3. Interdisciplinary theories to study the unique yet intersectional experiences of women from different racial groups, ethnicities, nationalities and cultural backgrounds; scholarly research from the diversity science field; contemporary topics that have developed in a global context; examination of complex issues, which affect women of color across the lifespan. Prerequisite: Grade of C or better in AFST 201 or PSYC 107 or WGST 200, or approval of instructor. Cross-listed with AFST 303 and WGST 303.

PSYC 470. Psychological Testing and Measurement. (3-0). Credit 3. Theories and techniques of measurement of psychological concepts; a range of measurement models and procedures; critical tasks of evaluating strategies for measuring psychological concepts and drawing inferences and interpretations from commonly used psychological assessments. Prerequisites: PSYC 203; junior or senior classification or approval of instructor.

SCMT 380. Lean Business Systems. (3-0). Credit 3. Analysis of real world business challenges using an operational framework to identify and solve problems; provides a route map to sustain results; exploration of lean strategies such as root cause analysis, batch to pull processes, value stream mapping, level loading, line balancing. Prerequisite: Admission to upper division in Mays Business School.

TCMG 272. Technology and End-User Support. (3-0). Credit 3. Upgrading, setup, configuration, troubleshooting of computer systems; development of skills to work with end-users; technology needs assessment; escalation and defusing strategies; service learning and community engagement. Prerequisite: Sophomore classification.

TCMG 303. Unix System Administration Practices. (3-3). Credit 4. Development and system administration of the Unix operating system; technical alternatives for proactive and reactive maintenance of system health. Prerequisites: TCMG 272 and TCMG 274 with a grade of C or better; junior or senior classification or approval of instructor.

TCMG 308. Security and Ethics in the Digital World. (3-0). Credit 3. Introduction to cybersecurity; analysis of threats and risks from the environment; development of appropriate strategies to mitigate impact; ethics of extraordinary administrative access; ethics of digital forensics and implications to society. Prerequisites: TCMG 272 and TCMG 274 with a grade of C or better; junior or senior classification or approval of instructor.

TCMG 316. Database Systems Administration and Application. (3-3). Credit 4. Database administration and application use techniques; database structures, modeling, configuration, development, security, topologies and access; focus on system administration of Unix-based database systems. Prerequisite: TCMG 303 with a grade of C or better.

TCMG 402. Instructional Technology and Design. (3-0). Credit 3. Design principles; development of instruction; contemporary issues and trends; foundations in learning research; requirements for instruction, task and needs analysis; learning situations and instructional models; hardware and software innovations; assessing instructional outcomes; factors affecting utilization. Prerequisites: EHRD 371 with a grade of C or better; junior or senior classification or approval of instructor.

TCMG 412. Contemporary Issues in Technology Management. (3-0). Credit 3. Specific innovation or practices nascent to the professional information technology industry; discovery of practical applications and analytics of new innovation. Prerequisites: TCMG 272 and TCMG 274 with a grade of C or better; junior or senior classification.

TCMG 484. Professional Internship. (6-0). Credit 6. Directed internship in an organization to provide students with a learning experience supervised by professionals in organizational settings appropriate to the student's professional objectives; must be in good standing with the University. Prerequisites: EHRD 481 and EHRD 490 with a grade of C or better; approval of instructor.

VIBS 422. Endocrine Toxicology. (3-0). Credit 3. Impacts of endocrine toxicology on endocrine system; prevalence, environmental and occupational use and disposal of environmental endocrine disrupting chemicals (EDCs); structure, toxicokinetics and mechanism of action of EDCs; effects of EDCs on the development and function, disorders and diseases of the endocrine and reproductive organs. Prerequisites: Senior classification; approval of instructor.

VTPP 123. Foundations of Physiology. (3-0). Credit 3. Introduction to fundamental concepts in physiology and the practice of physiology research through exploration of mathematical models used in physiology research; emphasis on prediction of complex adaptive behavior in health and disease from elementary math, physics, chemistry and biology.

VTPP 223. Design of Experiments for Physiology Research. (2-2). Credit 3. Team or group formulation and refinement of novel hypotheses and design of controlled in vitro experiments; emphasis on production of publishable research in physiology. Prerequisite: VTPP 123 or approval of instructor.

VTPP 224. In Vitro Experimentation in Physiology Research. (2-2). Credit 3. Team or group collection, analysis and interpretation of data from in vitro experiments; emphasis on production of publishable research in physiology. Prerequisite: VTPP 223 or approval of instructor.

VTPP 234. Design of Models for Physiology Research. (3-0). Credit 3. Team or group design of novel models of physiological systems to predict homeostatic behavior arising from the interaction of subsystems; emphasis on production and formal presentation of basic research in physiology. Prerequisite: VTPP 123 or approval of instructor.

VTPP 235. Analysis and Validation of Models for Physiology Research. (3-0). Credit 3. Team or group analysis and validation of models of physiological systems to explain disease states and design potential clinical interventions; emphasis on production of publishable applied research in physiology. Prerequisite: VTPP 234 or approval of instructor.

WFSC 449. Professional Aspects of Aquatic Ecology. (3-0). Credit 3. Discipline of aquatic sciences through oral presentation and written documentation; job market expectations, resume preparation, job application, and preparation for and giving an interview. Prerequisite: Junior or senior classification or approval of instructor.

WGST 303. Psychology of Women of Color. (3-0). Credit 3. Interdisciplinary theories to study the unique yet intersectional experiences of women from different racial groups, ethnicities, nationalities and cultural backgrounds; scholarly research from the diversity science field; contemporary topics that have developed in a global context; examination of complex issues, which affect women of color across the lifespan. Prerequisite: Grade of C or better in AFST 201 or PSYC 107 or WGST 200, or approval of instructor. Cross-listed with AFST 303 and PSYC 303.

3. Withdrawal of Courses

MUSC 202. Introduction to Tonal Harmony.
MUSC 252. **Individual Performance – Band and Orchestra Instrument Performance I.**
MUSC 352. Individual Performance – Band and Orchestra Instrument Performance II.

4. Change in Courses

ANSC 303. Principles of Animal Nutrition.

Prerequisites
From: ANSC 107 and ANSC 108; CHEM 222; CHEM 227 or equivalent.
To: ANSC 107 and ANSC 108; CHEM 222 or CHEM 227 or equivalent.

ANTH 225. Introduction to Biological Anthropology.

Lab contact hours and semester credit hours
From: (3-3) Credit 4.0.
To: (3-0) Credit 3.0.

Course description

From: Study of human biology including an examination of evolutionary processes acting on human populations; human genetics; non-human primate anatomy, classification and ecology of primates; the primate paleontological record, and human variation and adaptation.

To: Study of human biology including an examination of evolutionary processes acting on human populations; human genetics; non-human primate anatomy, classification and ecology of primates; the primate paleontological record, and human variation and adaptation. Concurrent registration in ANTH 226 recommended.

ATMO 201. Atmospheric Science.

Course title

From: Atmospheric Science.

To: Weather and Climate.

ATMO 202. Atmospheric Science Laboratory.

Course title

From: Atmospheric Science Laboratory.

To: Weather and Climate Laboratory.

BIOL 435. Laboratory for Regulatory and Behavioral Neuroscience.

Prerequisites

From: BIOL 434 or concurrent enrollment and approval of instructor.

To: Approval of instructor.

ECEN 303. Random Signals and Systems.

Prerequisites

From: MATH 308; junior or senior classification.

To: Grade of C or better in MATH 308; junior or senior classification.

ECEN 314. Signals and Systems.

Prerequisites

From: ECEN 214; MATH 308.

To: Grade of C or better in ECEN 214 and MATH 308; junior or senior classification.

ECEN 326. Electronic Circuits.

Prerequisites

From: ECEN 314 and ECEN 325.

To: Grade of C or better in ECEN 314 and ECEN 325; junior or senior classification.

ECEN 370. Electronic Properties of Materials.

Prerequisites

From: PHYS 222.

To: Grade of C or better in PHYS 222; junior or senior classification.

ECEN 403. Electrical Design Laboratory I.

Prerequisites

From: ECEN 303, ECEN 314, ECEN 322, ECEN 325, ECEN 350, and ECEN 370 with a grade of C or better; COMM 205 or COMM 243 or ENGL 210; senior classification.

To: COMM 205 or COMM 243 or ENGL 210; Grade of C or better in ECEN 314, ECEN 325, ECEN 350; Grade of C or better in ECEN 303, ECEN 322, ECEN 370 or Grade of C or better in CSCE 315, ECEN 449, STAT 211 or ECEN 303; senior classification.

ECEN 404. Electrical Design Laboratory II.

Prerequisites

From: ECEN 403, senior classification and approval of project.

To: Grade of C or better in ECEN 403; senior classification.

EHRD 303. Foundations of Human Resource Development.

Course number

From: EHRD 303.

To: EHRD 203.

Course description and prerequisites

From: Overview of the discipline and field of human resource development focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, systems theory, organizational culture, learning and change. Not intended for majors in business. Prerequisites: Junior or senior classification and approval of instructor.

To: Overview of the discipline and field of human resource development; focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, systems theory, organizational culture, learning and change. Prerequisite: Sophomore classification.

EHRD 391. Measurement and Evaluation in Human Resource Development.

Course title

From: Measurement and Evaluation in Human Resource Development.

To: Measurement and Evaluation in Human Resource Development and Technology Management.

Course description and prerequisites

From: Measurement and evaluation techniques in the field of Human Resource Development; emphasis on understanding, calculation, and application of basic testing, assessment, and interpretation methods. Prerequisites: Junior or senior classification or approval of instructor; MATH 141 and MATH 142.

To: Measurement and evaluation techniques in the field of Human Resource Development and Technology Management; emphasis on understanding, calculation and application of basic testing, assessment and interpretation methods. Prerequisites: Junior or senior classification or approval of instructor; EHRD 203 with a grade of C or better; MATH 141 and MATH 142.

EHRD 405. Principles and Practices of Leadership in HRD.

Course title
From: Principles and Practices of Leadership in Human Resource Development.
To: Principles and Practices of Leadership in Human Resource Development and Technology Management.

EHRD 474. Distance Networking for Training and Development.

Course prefix
From: EHRD 474.
To: TCMG 274.

Prerequisites
From: Junior or senior classification.
To: Sophomore classification.

EHRD 476. Managing Technical Networks.

Course prefix
From: EHRD 476.
To: TCMG 476.

Lab contact hours and semester credit hours
From: (3-0). Credit 3.
To: (3-3). Credit 4.

Prerequisites
From: Junior or senior classification.
To: EHRD 272 and EHRD 274 with a grade of C or better; junior or senior classification

EHRD 481. Human Resource Development Seminar in Career Development.

Course title
From: Human Resource Development Seminar in Career Development.
To: Capstone Seminar in Human Resource Development and Technology Management.

Course description
From: Transition from an academic environment to a professional business environment; preparation of an individual professional portfolio; steps in searching and securing an internship position.
To: Capstone seminar on significant issues in industry; transition from an academic environment to professional business environment; preparation of an individual professional portfolio; steps in searching and securing an internship position.

EHRD 484. Professional Internship.

Variable to fixed credit hours
From: Credit 1 to 12.
To: (6-0). Credit 6.

Course description
From: Directed internship in an organization to provide students with a learning experience supervised by professionals in organizational settings appropriate to the student's professional objectives; meets writing intensive course requirement.
To: Directed internship in an organization to provide students with a learning experience supervised by professionals in organizational settings appropriate to the student's professional objectives; meets writing intensive course requirement. Must be taken on a satisfactory/unsatisfactory basis.

EHRD 491. Research in Human Resource Development.

Course title
From: Research in Human Resource Development.
To: Research.

Fixed to variable credit hours
From: (3-0). Credit 3.
To: Credit 1 to 4.

Course description and prerequisites

From: Overview of various types of investigative techniques currently employed in human resource development (HRD) including the context of HRD research, planning HRD research, styles of HRD research, and strategies for data collection and researching. May be repeated 2 times for credit. Prerequisites: Junior or senior classification; approval of instructor; admitted to professional phase, EHRD 391.
To: Research conducted under the direction of faculty member in human resource development. May be repeated for credit. Prerequisite: Junior or senior classification.

FSTC 406. Poultry Processing and Products.

Course title
From: Poultry Processing and Products.
To: Poultry Further Processing.

Course description and prerequisites

From: The science and practice of processing and products of poultry and eggs; physical, chemical, microbiological and functional characteristics of value-added poultry products as they affect consumer acceptance, efficiency of production, and regulatory approval. Prerequisites: DASC 326/FSTC 326; CHEM 222; POSC 309; junior or senior classification or approval of instructor. Cross-listed with POSC 406.

To: Science and practice of value-added products; physical, chemical, microbiological and functional characteristics of value-added poultry products as they affect consumer acceptance, efficiency of production and regulatory approval. Prerequisites: CHEM 222; DASC 326/FSTC 326; POSC 309; POSC 405; junior or senior classification or approval of instructor. Cross-listed with POSC 406.

GENE 301. Comprehensive Genetics.

Lab contact hours and semester credit hours
From: (3-3). Credit 4.
To: (3-0). Credit 3.

Prerequisites
From: BIOL 112.
To: BIOL 112; concurrent enrollment in GENE 312.

GENE 302. Principles of Genetics.

Lab contact hours and semester credit hours
From: (3-3). Credit 4.
To: (3-0). Credit 3.

Prerequisites
From: BIOL 112.
To: BIOL 112; concurrent enrollment in GENE 312.

GEOS 484. Internship.

Variable credit hours
From: Credit 1 to 12.
To: Credit 0 to 6.

Course description
From: Provides opportunity to gain practical experience in a working situation either during the semester or summer; work experience must have relevance to the degree sought and/or career objectives. May be taken 2 times for credit.
To: Provides opportunity to gain practical experience in a working situation either during the semester or summer; work experience must have relevance to the degree sought and/or career objectives.

GEOS 491. Research.

Variable credit hours
From: Credit 1 to 4.
To: Credit 0 to 4.

Course description
From: Research conducted under the direction of a faculty member in the College of Geosciences. May be repeated 2 times for credit. Registration in multiple sections of this course is possible within a given semester provided that the per semester credit hour limit is not exceeded.

To: Research conducted under the direction of a faculty member in the College of Geosciences. Registration in multiple sections of this course is possible within a given semester provided that the per semester credit hour limit is not exceeded.

HORT 335. Sociohorticulture.

Course description

From: Horticulture as a therapeutic medium for special populations; use of horticulture in urban development and community garden programs.
To: Horticulture as it relates to humans through people-plant interactions; use of horticulture to improve quality of life; awareness and appreciation of the economic, environmental, social and health benefits of plants.

MUSC 250. Individual Performance—Piano I.

Course number
From: MUSC 250.
To: MUSC 255.

Course title
From: Individual Performance—Piano I.
To: Individual Performance—Keyboard I.

Course description and prerequisites
From: Instruction in piano performance; the study of a broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: Satisfactory audition.
To: Instruction in keyboard performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: Approval of instructor.

MUSC 251. Individual Performance—Voice I.

Course number
From: MUSC 251.
To: MUSC 254.

Course description and prerequisites
From: Instruction in vocal performance; the study of a broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: Satisfactory audition.
To: Instruction in vocal performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: Approval of instructor.

MUSC 302. Sonic Design.

Course number
From: MUSC 302.
To: MUSC 235.

Course title
From: Sonic Design.
To: Introduction to Composition.

Course description and prerequisites
From: For the student who has obtained a thorough knowledge of music theory; focus on significant styles and techniques in contemporary music including jazz and popular trends; understanding of contemporary sonic design achieved through written exercises, reading, and critical listening. Prerequisite: MUSC 207 or approval of instructor.
To: Significant styles and techniques in contemporary music including classical, jazz and popular trends; contemporary sonic design achieved through written exercises, reading and critical listening. Prerequisite: MUSC 204.

MUSC 350. Individual Performance—Piano II.

Course number
From: MUSC 350.
To: MUSC 355.

Course title
From: Individual Performance—Piano II.
To: Individual Performance—Keyboard II.

Course description and prerequisites
From: Advanced instruction in piano performance; the study of a broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: MUSC 250 or approval of instructor.
To: Advanced instruction in keyboard performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisites: Junior or senior classification and approval of instructor.

MUSC 351. Individual Performance—Voice II.

Course number
From: MUSC 351.
To: MUSC 354.

Course description and prerequisites

From: Advanced instruction in vocal performance; the study of a broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: MUSC 251 or approval of instructor.

To: Advanced instruction in voice performance; broad range of literature with special emphasis on the historical and theoretical aspects that reveal the performance practices of specific periods; individual and group laboratory instruction. May be repeated for credit. Prerequisite: Junior or senior classification and approval of instructor.

NUTR 303. Principles of Animal Nutrition.

Prerequisites

From: ANSC 107 and ANSC 108; CHEM 222; CHEM 227 or equivalent.

To: ANSC 107 and ANSC 108; CHEM 222 or CHEM 227 or equivalent.

PETE 285. Directed Studies.

Prerequisites

From: Completion of engineering Common Body of Knowledge courses; approval of department head.

To: Approval of department head.

POSC 406. Poultry Processing and Products.

Course title

From: Poultry Processing and Products.

To: Poultry Further Processing.

Course description and prerequisites

From: The science and practice of the processing and products of poultry and eggs; physical, chemical, microbiological and functional characteristics of value-added poultry products as they affect consumer acceptance, efficiency of production, and regulatory approval. Prerequisites: POSC 309; CHEM 222; DASC 326/FSTC 326; junior or senior classification or approval of instructor. Cross-listed with FSTC 406.

To: Science and practice of value-added products; physical, chemical, microbiological and functional characteristics of value-added poultry products as they affect consumer acceptance, efficiency of production and regulatory approval. Prerequisites: CHEM 222; DASC 326/FSTC 326; POSC 309; POSC 405; junior or senior classification or approval of instructor. Cross-listed with FSTC 406.

5. Change in Curriculum

College of Agriculture and Life Sciences

Department of Agricultural Economics

BS in Agribusiness

Department of Poultry Science

BS in Poultry Science

Industry Emphasis

BS in Poultry Science
Technical Emphasis

College of Architecture
Department of Architecture
Minor in Sustainable Architecture and Planning

College of Education and Human Development
Department of Educational Administration and Human Resource Development
BS in Technology Management

College of Geosciences
Department of Oceanography
BS in Environmental Geoscience and MS in Oceanography - 3+2

College of Liberal Arts
Journalism Studies Program
BA in University Studies - Journalism Studies

Women's and Gender Studies
BA in Women's and Gender Studies

College of Liberal Arts
Department of Anthropology
BA in Anthropology
BA in Anthropology - Archaeology Track

Department of Communication
BA in Communication
BA in Telecommunication Media Studies
BS in Telecommunication Media Studies

Department of Economics
BA in Economics
BA in Economics - BUSH MIA 3+2 Program (BIA)
BA in Economics - BUSH MPS 3+2 Program (BPS)
BS in Economics
BS in Economics - BUSH MIA 3+2 Program (BIA)
BS in Economics - BUSH MPS 3+2 Program (BPS)

Department of English
BA in English
BA in English - Middle School Teachers

Department of Hispanic Studies
BA in Spanish

Department of History
BA in History

Department of International Studies
BA in International Studies
BA in International Studies - Communication & Media
BA in International Studies - Environmental Studies
BA in International Studies - International Arts & Culture
BA in International Studies - International Commerce
BA in International Studies - Politics and Diplomacy
BA in International Studies - BUSH MIA 3+2 Program
BA in Modern Languages – French
BA in Modern Languages – German
BA in Modern Languages – Russian

Department of Performance Studies
BA in Music
BA in Theatre Arts

Department of Philosophy
BA in Philosophy

Department of Political Science
BA in Political Science
BS in Political Science
BA in Political Science - 3+2
BS in Political Science - 3+2

Department of Psychology
BA in Psychology
BS in Psychology

Department of Sociology
BA in Sociology
BS in Sociology
BA in Sociology - 3+2
BS in Sociology - 3+2

College of Science
BS in University Studies - Mathematics for Teaching
BS in University Studies - Science for Secondary Teaching

Department of Chemistry
BS in Chemistry
BS in Chemistry - Biological Chemistry Track
BS in Chemistry - Environmental Chemistry Track

College of Veterinary Medicine and Biomedical Sciences
BS in Biomedical Sciences
BS in University Studies - Biomedical Sciences
International Certificate in Cultural Competency & Communications in Spanish

6. Texas A&M University at Galveston

   a. Change in Course

      KINE 210. The Art of Movement.

      Course title
      From: The Art of Movement.
      To: Dance Appreciation: The Art of Movement.

      Course description
      From: Develop an awareness of personal space and group space while moving, changing speeds, direction and dynamics encourage improvisation, creativity and spontaneity in responding to challenges posed; spatial designs and patterns in relation to others; performance of movement and dances in interconnected , flowing, meaningful presentations that will be cliqued by classmates, revised and recreated; attend and critique off-campus professional presentations to further enhance experience and appreciation of dance movement.
      To: Introductory course that examines and appreciates movement as expressed by every culture; movement is a function driven by context, whether practical or artistic; this course examines how dance is used to advance personal, social expression via design, patterning, connoted meaning, and inter-connectivity of form; in-class discussions, applications, and presentations, students attend and critique off-campus dance productions to enhance perspective, experience and appreciation of dance movement.

7. Special Consideration

Dwight Look College of Engineering
Department of Engineering Technology and Industrial Distribution
Minor in Embedded Systems Integration
Request for a new minor

College of Geosciences
Department of Geology and Geophysics
BA in Geology and MS in Oceanography
Request for a 3+2 degree program

BS in Geology and MS in Oceanography
Request for a 3+2 degree program

Department of Atmospheric Sciences
BS in Meteorology and MS in Oceanography
Request for a 3+2 degree program

College of Liberal Arts
Department of Performance Studies
BA in Performance Studies
Request for a new degree program (with 5 concentrations) and request to discontinue the BA in Music and BA in Theatre Arts degree programs

8. Change in Courses – *from October 2014*

CSCE 110. Programming I.

Course description

From: Basic concepts in using computation to enhance problem solving abilities; nomenclature and historical perspective of computers and computing; internal representation of data; software design principles and practices; editing and execution of student-written programs.

To: Basic concepts in using computation to enhance problem solving abilities; understanding how people communicate with computers, and how computing affects society; computational thinking; representation of data; analysis of program behavior; methods for identifying and fixing errors in programs; understanding abilities and limitation of programs; development and execution of programs.

CSCE 111. Introduction to Computer Science Concepts and Programming.

Course description

From: Basic concepts, nomenclature, and historical perspective of computers and computing; problem solving and software design principles, including abstraction, modularity, data representation, documentation, portability, structured and object oriented programming; software engineering concepts including requirements definition, testing, and maintenance considerations; development and execution of student written programs.

To: Computation to enhance problem solving abilities; understanding how people communicate with computers, and how computing affects society; computational thinking; software design principles, including algorithm design, data representation, abstraction, modularity, structured and object oriented programming, documentation, testing, portability, and maintenance; understanding programs' abilities and limitations; development and execution programs.

CSCE 121. Introduction to Program Design and Concepts.

Course description

From: Computer programming syntax for primitive types, control structures, vectors, strings, structs, classes, functions, file I/O, exceptions and other programming constructs, plus the use of class libraries; practice in solving problems with computers; includes the execution of student written programs in C++.

To: Computation to enhance problem solving abilities; computational thinking; understanding how people communicate with computers, how computing affects society; design and implementation of algorithms; data types, program control, iteration, functions, classes, and exceptions; understanding abstraction, modularity, code reuse, debugging, maintenance, and other aspects of software development; development and execution of programs.

9. Tabled Items

New Courses

EHRD 210, EHRD 315 and EHRD 413 – committee requested support letter from MGMT.

HBRW 101 and 102 – committee requested updates to syllabus regarding participation grade, attendance grade for unexcused absence, Aggie Honor code URL and late work policy.

WFSC 404 – committee requested updates to syllabus regarding learning outcomes, prerequisites, link to student rule 7.

WFSC 444 – committee requested updates to syllabus regarding learning outcomes and link to student rule 7.