

Members present: Tim Scott (Chair), College of Science; Sarah Bednarz (Vice Chair), College of Geosciences; Robert Knight, College of Agriculture and Life Sciences; Leonard Bright, Bush School of Government and Public Service; Christine Bergeron, College of Education and Human Development; Patricia Campbell, Texas A&M Baylor College of Dentistry; Steve Oberhelman, College of Liberal Arts; Cathy Hansen, School of Nursing; Rick Danko, School of Public Health; Glen Jones, Texas A&M University at Galveston; Jim Kracht (for Ann Kenimer), Undergraduate Studies; James Herman, College of Veterinary Medicine and Biomedical Sciences; Jean Layne, Center for Teaching Excellence.

Guests: David Forrest, Department of Animal Science; Chris Houser, College of Geosciences; Michael Arnold, Tim Davis, Dan Lineberger and Katie Marek, Department of Horticultural Sciences; Whitney Korthauer, Department of Engineering Technology and Industrial Distribution; Sherree Kessler and Jill Lyster, Department of Physics and Astronomy; Bernard Appiah, School of Public Health; Shelby Schiller and Barbara Hosler, Office of the Registrar; Amanda Schwede, Department of Wildlife and Fisheries Sciences.

The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the August 8, 2014 meeting.
2. New Courses

AGCJ 466. Advanced Radio Broadcasting. (2-2). Credit 3. Project-based instruction; a practical guide to producing, presenting, programming and managing a radio station. Prerequisites: AGCJ 366; junior or senior classification or approval of instructor.

ANSC 221. Equine Handling and Safety. (2-2). Credit 3. Working around horses safely and effectively; includes equine behavior, proper handling techniques, controlling movement of horses, health assessment and basic management. Prerequisite: ANSC 201.

ANSC 325. Advanced Livestock and Product Evaluation. (1-3). Credit 2. Advanced evaluation of cattle, swine, sheep and equine; products produced or associated with each species; advanced oral or written defense of judgments associated with changing trends in these industries. Prerequisite: Junior or senior classification.

ANSC 418. Equine Exercise Physiology. (2-2). Credit 3. Changes within the systems of the horse resulting from the physical stresses of exercise, adaptations of systems in response to a training regimen; methodology for measuring improvement in physical condition; foundation for development of training programs for horses in moderate, intense or prolonged performance activities. Prerequisites: Junior or senior classification and approval of instructor.

ANSC 419. Equine Reproduction. (3-0). Credit 3. Reproductive anatomy of the stallion and mare; industry and scientific practices; comprehensive analysis of the body of scientific research; development of critical thinking ability to assess and discuss previous research in comparison of needed research. Prerequisites: ANSC 201 and junior or senior classification or approval of instructor.

ANSC 424. Equine Sales Management. (3-0). Credit 3. Hands-on horse sale management experience through planning and conducting the Texas A&M University Department of Animal Science Horse Sale. Prerequisite: Junior or senior classification and approval of instructor.

ANTH 417. Naval Warfare and Warships in Ancient Greece and Rome. (3-0). Credit 3. Extensive survey of Greek and Roman warships, naval warfare, naval strategy and tactics drawing upon archaeological evidence, literary documentation and iconographic material, from the Bronze Age (Ancient Egypt and the mythical Trojan War) to the Imperial Roman Navy. Prerequisite: Junior or senior classification. Cross-listed with CLAS 417.

BESC 411. Environmental Health and Safety Compliance. (3-1). Credit 3. Investigation of various Environmental Health and Safety (EHS) practices necessary for compliance with state and federal regulations; reinforcement of real-world understanding; tour several regulated facilities on campus and learn about the particular TAMU-EHS compliance management strategies for each (utilities, underground storage tanks, wastewater treatment and hazardous waste facility). Prerequisite: BESC 367 or similar regulation intensive course and approval of instructor.

CLAS 417. Naval Warfare and Warships in Ancient Greece and Rome. (3-0). Credit 3. Extensive survey of Greek and Roman warships, naval warfare, naval strategy and tactics drawing upon archaeological evidence, literary documentation and iconographic material, from the Bronze Age (Ancient Egypt and the mythical Trojan War) to the Imperial Roman Navy. Prerequisite: Junior or senior classification. Cross-listed with ANTH 417.

HORT 281. Horticulture as a Profession. (1-0). Credit 1. Comprehensive view of the opportunities in the art and science of horticulture; sub-disciplines by crop (fruit, vegetable, ornamental, floral) and approach (landscaping, production, sales, management, floral design, research); examination of the national and international scope of horticulture including the major horticultural regions in Texas; construction of a professional e-portfolio.

PHLT 301. Orientation to Public Health. (1-0). Credit 1. Familiarization with public health including aspects such as different disciplines within the profession; local, national and international agencies that have interest in public health and public health code of ethics. Prerequisites: Public health major; junior or senior classification; approval of instructor.

PHLT 302. Foundations of Public Health. (3-0). Credit 3. History, philosophy, development and careers of public health; core values, ethics, concepts, functions and essential services of public health; population health and health improvement. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 303. Social Context of Population Health. (3-0). Credit 3. Exploration of social determinants of population health and the socio-cultural roots of health improvement; socio-economic, behavioral and other factors that impact human health and contribute to health improvement and health disparities. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 304. Biological Basis of Public Health. (3-0). Credit 3. Biological mechanisms in individuals and populations affecting human health and disease; adverse health events including diseases, exposure to pathogens and toxins, and nutritional deficiencies. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 310. Public Health Writing. (1-0). Credit 1. Strategies to become more familiar with types of writing required as public health students or public health professionals; strengthens and increases general writing skills; establishes a foundation for continued development in writing. Must be taken on a satisfactory/unsatisfactory basis. Prerequisites: Public health major; junior or senior classification; approval of instructor.

PHLT 311. Narrative Approach to Public Health. (1-0). Credit 1. Familiarization with the writing style required for public health; instruction in writing styles and narrative techniques to increase and strengthen writing abilities in public health disciplines such as environmental and occupational health, health promotion and community health sciences, health policy and management, epidemiology and biostatistics. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 330. The Environment and Public Health. (3-0). Credit 3. Environmental exposures and population health; public health core knowledge; includes methods for defining environmental contamination; identifying contaminants, pathogens and toxins; assessing risks and causality; determining health impact; methods to decrease exposures. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 331. Occupational Safety and Health I. (3-0). Credit 3. Regulations and topics of relevance to occupational health professionals; includes legislation and regulations, workers' compensation, accident investigation, industrial hygiene, ergonomics and fire prevention with an emphasis on the health professionals' role. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 410. Public Health Communication. (3-0). Credit 3. Exploration of different communication approaches for addressing public health challenges; basic concepts of public health-specific communication, including risk communication, the use of mass media and evaluation of public health communication programs. Prerequisites: PHLT 310; public health major; or approval of instructor.

PLPA 334. Turfgrass Pathology. (3-0). Credit 3. Recognizing turfgrass problems and understanding biological mechanisms in the disease process; principles of disease management strategies. Prerequisite: Junior or senior classification.

WFSC 447. Aquaculture II: Aquatic Animal Nutrition, Feeding and Disease Management. (3-0). Credit 3. Review of scientific perspectives on major aspects of nutrition, diet formulation and feeding of aquatic species in aquaculture; major disease-causing organisms encountered in aquaculture and means of disease prevention and control. Prerequisite: Junior or senior classification or approval of instructor.

3. Withdrawal of Courses

ALED 102. Critical Issues in Agricultural Leadership.

ALED 201. Introduction to Leadership.

4. Change in Courses

ALED 439. Agricultural Extension Philosophy and the Land-Grant Mission.

Course number

From: ALED 439.

To: ALED 339.

DDHS 3160. Preclinical Dental Hygiene.

Other Contact Hours

From: (4-.5-7) Credit 6.

To: (4-.5-8) Credit 6.

DDHS 3250. Biomedical Sciences I.

Lab Contact Hours

From: (4-2) Credit 5.
To: (5-0) Credit 5.

DDHS 3325. Microbiology.

Lecture and Lab Contact Hours

From: (2-1) Credit 2.5.
To: (2.5-0) Credit 2.5.

DDHS 3340. Biomedical Sciences II.

Lecture and Lab Contact Hours

From: (3-2) Credit 4.
To: (4-0) Credit 4.

Dwight Look College of Engineering

Department of Engineering Technology and Industrial Distribution

Course prefix change from ENTC to ESET (see memorandum from Dr. Jay Porter)

ENTC 151, 210, 211, 219, 250, 269, 315, 329, 333, 349, 350, 352, 355, 359, 366, 369, 415,
419, 420, 435, 452, 455, 462

5. Change in Curriculum

College of Liberal Arts

Department of Hispanic Studies
Minor in Hispanic Studies

College of Veterinary Medicine and Biomedical Sciences

BS in University Studies – Biomedical Sciences
BS in University Studies – Honors

6. Tabled Items

New Course

WFSC 449 was tabled. Committee requested updates to address member concerns. (*Missing catalog description and prerequisites on syllabus; missing learning objectives on syllabus; need attendance statement and need Objectives/Learning outcomes statement(s); has this been submitted to the W/C committee for consideration?*).

Change in Curricula

The committee requested changes to the BA and BS in Horticulture proposals. When the updates are received they will be sent to the committee for an e-vote.

7. Other Business

No other business