

**Graduate Council Report  
Electronic Vote**

**New Course Request:**

**ANTH 670.** Anthropology Proseminar. (3-0). Credit 3. Introduction to the four bridging themes and the faculty associated with each; Exposure to the breadth of research being conducted by members of the anthropology faculty. Prerequisite(s): Graduate classification and major in Anthropology.

**ECEN 738.** Power Electronics. (3-3). Credit 4. Electric power conditioning and control; characteristics of solid state power switches; analysis and experiments with AC power controllers, controlled rectifiers, DC choppers and DC-AC converters; applications to power supplies, airborne and spaceborne power systems; Will be stacked with existing course ECEN 438 Prerequisite(s): Graduate classification or approval of instructor

**ECEN 742.** DSP Based Electromechanical Motion Control. (2-3). Credit 3. Overview of energy conversion and basic concepts on electromechanical motion devices; different control strategies including the solid-state drive topologies; for every electromechanical motion device, its DSP control implementation discussed and implemented in the lab; Will be stacked with existing course ECEN 442 Prerequisite(s): Graduate classification or approval of instructor

**ECEN 767.** Harnessing Solar Energy: Optics, Photovoltaics and Thermal Systems. (3-3). Credit 4. Solar radiation characteristics and measurement; optical coatings including reflection, transmission, absorption and emissivity; concentration optics, tracking and etendue limit; photovoltaic cells, modules and systems overview; introduction to solar thermal systems; Will be stacked with new course ECEN 467 Prerequisite(s): Graduate classification or approval of instructor

**MSEN 617.** Crystallography and Crystal Structure Determination. (3-0). Credit 3. Crystal structure and determination; symmetry operations in point group and space group; reciprocal lattice and kinematical diffraction theory; structure determination by X-ray diffraction and transmission electron microscopy (TEM). Prerequisite(s): Knowledge of calculus and vector algebra; graduate classification

**VPAT 610.** Cell Mechanisms of Disease. (3-0). Credit 3. Cellular mechanism, morphologic manifestations and clinical presentation of illustrative disease processes. Prerequisite(s): Enrollment as a graduate student in BIMS, VTPB, or BMEN, and approval of instructor.

**Graduate Council Report  
Electronic Vote**

**Course Change Requests:**

**HPCH 695: Doctoral Capstone**

**COURSE NUMBER:**

**FROM:** HPCH 695

**TO:** HPCH 791

**PHEB 695: Doctoral Capstone**

**COURSE NUMBER:**

**FROM:** PHEB 695

**TO:** PHEB 791

**PHEO 695: Doctoral Capstone**

**COURSE NUMBER:**

**FROM:** PHEO 695

**TO:** PHEO 791

**PHPM 695: Doctoral Capstone**

**COURSE NUMBER:**

**FROM:** PHPM 695

**TO:** PHPM 791

**Graduate Council Report  
Electronic Vote**

**Special Consideration Items:**

Dual Degree in Statistics with Renmin University of China

Master of Science in Public Health  
Closure of Low-Producing Degree Programs

Mays Business School  
Executive and Professional MBA Programs  
Reduce Semester Hours

Online Masters of Health Education & Sport Management  
Committee Size

Request for New Programs – 3+2 Programs  
BA in GEOL and MS in OCNG  
BS in GEOL and MS in OCNG  
BS in METR and MS in OCNG

TAMU College of Dentistry  
Remove Courses from Inventory