

In attendance: Jana Corley, Krishna Narayanan, Costas Georghiade, Fred Boadu, Donna Adcock, Joel Thornton, Annie McGowan, Jane Welsh, David Reed, C.A. Floudas, Leonard Bright, Patricia Hurley, Dennis Jansen, Can Wilson, Paula Sullenger, Mark Zoran, Karen Butler-Purry, Rosana Moreira, Larry Bellinger, Nicole Kinslow, LaRhesa Johnson, Sandra Williams

1. Discussion Items:

- a. SACS 3+2 and 4+1 Programs
 - i. The core requirements for these types of programs were discussed.
- b. Graduate Council Elections – Chair and Vice Chair Election
 - i. Chair – Dr. Mark Zoran elected
 - ii. Vice Chair – Dr. Leonard Bright elected
- c. Approval of Change in Graduate Council Standard Operating Procedures
 - i. Changes to the Graduate Council Standard Operating Procedures were approved.

2. New Course Requests:

The following new course requests were approved by Graduate Council:

- a. BMEN 622 Bioelectromagnetism
- b. BMEN 641 Numerical Methods in Biomedical Engineering
- c. EDCI 701 Elementary Science Instructional Strategies and STEM Learning
- d. EDCI 702 Elementary Mathematics Instructional Strategies and STEM
- e. FSTC 644 Disease Mechanisms of Foodborne Pathogens
- f. ICPE 601 Environmental Issues of Energy Systems
- g. ICPE 602 Reservoir Characterization and Modeling
- h. ICPE 603 Bioenergy
- i. ICPE 604 Energy Systems Engineering I
- j. ICPE 605 Energy Systems Engineering II
- k. ICPE 606 Introduction to Optimization
- l. ICPE 607 Energy Finance and Economics
- m. ICPE 608 Beyond Science and Technology: The Role of Policy in the Future of Energy in the U.S.
- n. ICPE 609 Introduction to U.S. Energy Law and Policy
- o. ICPE 610 The Global Energy Future
- p. ICPE 611 Economics of Energy
- q. ICPE 612 Entrepreneurship in Energy
- r. ICPE 613 Natural and Shale Gas Monetization: Technologies, Fundamentals, Economics, and Applications
- s. ICPE 614 CO₂ Sequestration
- t. ICPE 615 Smart Grid Fundamentals
- u. ICPE 616 Multi-Functional Materials for Energy Conversion
- v. ICPE 617 Gas Separations for Energy: Fundamentals, Applications, and New Directions
- w. ICPE 618 Carbon Capture, Utilization and Storage, CCUS
- x. ICPE 619 Nanomaterials Engineering and Energy Storage
- y. ICPE 620 Thermoelectric Materials and Devices
- z. ICPE 621 Thermoelectrics: Fundamentals of Electronic and Thermal Transport
- aa. ICPE 622 Energy Efficiency in Buildings

bb. ICPE	623	Water-Energy-Food Nexus: Towards Sustainable Resource Allocation
cc. ICPE	624	Energy-Water Nexus
dd. ICPE	625	Integrated Risk Management for Exploration and Production Projects
ee. ICPE	626	Safety in Energy Systems
ff. ICPE	627	Interfacial Phenomena of Energy Systems
gg. ICPE	628	Multi-physics Geomechanics for Energy Application (CO ₂ , fracking, nuclear waste)
hh. MEEN	645	Engineering Applications of Solid Mechanics
ii. MSEN	636	Damage Mechanics and Failure in Composite Materials
jj. NRSC	621	Functional Neuroanatomy
kk. PLAN	624	Digital Communication in Landscape Architecture and Urban Planning
ll. PLAN	667	Site Planning
mm. PSAA	657	Terrorism in Today's World
nn. PSAA	660	Domestic Terrorism: The Internal Threat to America
oo. PSAA	667	Principles of International Law
pp. PSAA	668	U.S. Law and Homeland Security
qq. RDNG	610	Elementary Literacy Instruction for Facilitating STEM Learning
rr. RPTS	654	Amazon Field School
ss. SCSC	640	Intellectual Property in the Plant Sciences
tt. VIBS	621	Functional Neuroanatomy
uu. VTMI	604	Amazon Field School (<i>tabled at September 2014 meeting</i>)

The following course was tabled by Graduate Council:

- a. GEOP 631 Seismic Data Processing

3. **Course Change Requests:**

The following course change requests were approved by Graduate Council:

- a. PHYS 614 Introduction to Methods of Mathematical Physics
- b. PHYS 650 Kinetics of Electronic Processes
- c. WFSC 654 Amazon Field School

4. **Curriculum Change Request**

The following curriculum change requests were approved by Graduate Council:

- a. Certificate in Engineering Therapeutics Manufacturing
- b. Certificate in Quality Engineering for Regulated Medical Technologies

5. **Special Consideration Items:**

The following special consideration items were approved by Graduate Council:

- a. Administrative Change Proposal for the Master of Science in Engineering Systems Management
- b. Five Year Joint Degree Program for Bachelor of Science in Agricultural Economics and Master of Public Service Administration
- c. Certificate in Energy
- d. Certificate in Transportation Planning
- e. Proposal for Course Prefix Changes to CHLS Courses

The following special consideration item was tabled by Graduate Council:

- a. Executive Master of Science in Energy Degree Program