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UNIVERSITY OF HOUSTON

Office of the Executive Associate Vice Chancellor for Academic Affairs  
UH System

Office of the Executive Associate Vice President for Academic and Faculty Affairs  
University of Houston

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MEMORANDUM

**To:** Joel Bloom  
Chair, Undergraduate Council

**From:** Elaine Charlson *Elaine Charlson*

**Date:** December 12, 2006

**Re:** Undergraduate Council Approvals

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I have approved all council recommendations related to degree programs:

- UC 9010 06F: Biomedical Engineering Degree Plan changes
- UC 9011 06F: Chemical Engineering Degree Plan changes
- UC 9013 06F: Petroleum Engineering Minor (new)
- UC 9015 06F: BIOE 3340: Quantitative Physiology (new course)
- UC 9016 06F: BIOE 3366: Introduction to Digital Signal Processing (new course)
- UC 9017 06F: ECE 3366: Introduction to Digital Signal Processing
- UC 9018 06F: BIOE 3440: Biothermodynamics and Fluids (new course)
- UC 9019 06F: BIOE 4312: Computational Fluid Dynamics I (new course)
- UC 9020 06F: MECE 5312: Computational Fluid Dynamics I (new course)
- UC 9021 06F: BIOE 4323: Fundamentals of Tissue Engineering I (new course)
- UC 9022 06F: CHEE 5395: Fundamentals of Tissue Engineering I
- UC 9023 06F: MECE 5323: Fundamentals of Tissue Engineering I (new course)
- UC 9026 06F: BIOE 4325: Application of Engineering Principles Applied to Biological Systems (new course)
- UC 9027 06F: MECE 4325: Application of Engineering Principles Applied to Biological Systems
- UC 9028 06F: BIOE 4334: Capstone Design
- UC 9029 06F: BIOE 4366: Biomolecular Engineering Fundamentals (new course)
- UC 9030 06F: CHEE 4366: Biomolecular Engineering Fundamentals
- UC 9031 06F: BIOE 4393: Cellular and Biological Transport Phenomena
- UC 9032 06F: CHEE 5393: Cellular and Biological Transport Phenomena
- UC 9033 06F: BIOE 4394: Transport Phenomena in Physiological Systems
- UC 9034 06F: CHEE 5394: Transport Phenomena in Physiological Systems
- UC 9035 06F: BIOE 4455: Bioanalytics
- UC 9036 06F: BIOE 4458: Bioinstrumentation (new course)
- UC 9037 06F: ECE 4458: Bioinstrumentation (new course)

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UC 9038 06F: CHEE 4300: Physics and Chemistry of Engineering Materials  
UC 9042 06F: CHEE 5368: Chemical Process Economics I  
UC 9043 06F: CHEE 5369: Chemical Process Economics II  
UC 9044 06F: CHEE 5374: Reaction Kinetics for Industrial Process  
UC 9045 06F: CHEE 5376: Solid/Liquid Separation Environmental Process  
UC 9047 06F: ECE 5314: Introduction to Design and Fabrication of Nanoscale Devices (new course)  
UC 9048 06F: ECE 5346: VLSI Design  
UC 9049 06F: ECE 5354: Digital Video  
UC 9050 06F: ECE 5356: CMOS Analog Integrated Circuits  
UC 9051 06F: MECE 5300: Applied Magnetism (new course)  
UC 9052 06F: MECE 5331: Machine Design  
UC 9053 06F: PETR 5304: Evaluation of Petroleum-Bearing Formations I (new course)  
UC 9054 06F: PETR 5328: Petroleum Properties and Phase Equilibria (new course)  
UC 9055 06F: PETR 5361: Introduction to Petroleum Engineering  
UC 9056 06F: PETR 5362: Reservoir Engineering I  
UC 9057 06F: PETR 5364: Origin and Development of Oil and Gas Reservoirs