1. **Information on Undergraduate Programs**

   **A. Penn State Altoona**

   1) **Bachelor of Science in Rail Transportation Engineering: New Program**

   This new major provides disciplinary knowledge in engineering design and focuses on maintenance and management skills required by the rail industry. The program provides study in the major areas associated with the design, operation, and maintenance of rail systems, including the engineering of rail and track structures, basic rail operating practices and safety, wheel/track dynamics, construction and maintenance of railroad infrastructure, and basic railroad communications signals. The new program will become effective Summer 2011.

   **B. College of Engineering**

   1) **Research Intensive Option in the Bachelor of Science in Chemical Engineering: New Option**

   The Research Intensive Option recognizes the importance of enriched undergraduate research experiences within the Chemical Engineering curriculum. The new option will become effective Summer 2011.

   **C. College of Health and Human Development**

   1) **Therapeutic Recreation Option in the Bachelor of Science in Recreation, Park, and Tourism Management: Drop of Option**

   The discontinuation of the option reflects a continuing enrollment decline in the program. The Bachelor of Science in Recreation, Park, and Tourism Management will continue to be offered. Per administrative policy P3, the option was discontinued Fall 2010.

   **D. College of the Liberal Arts**

   1) **Global and International Studies: Change in Name from International Studies**

   The name change reflects recognition of complex global relations among nations and geographic regions. The change emphasizes the importance of global perspective, foreign language study, and educational and working experience abroad. This is a concurrent only major. The name change will become effective Summer 2011.

2. **Information on Graduate Programs**

   **A. Graduate Programs in Pharmacology; Biochemistry and Molecular Biology; Microbiology and Immunology; and Cell and Molecular Biology in the College of Medicine: Drop of Programs**

   The proposal to drop the Graduate Programs in Pharmacology; Biochemistry and Molecular Biology; Microbiology and Immunology; and Cell and Molecular Biology at the Penn State College of Medicine was approved by the Graduate Council at its January 19, 2011 meeting.

   The College of Medicine’s Task Force on the Organization of Graduate Education concluded that an integrated Graduate Degree Program in Biomedical Sciences with various Options will improve student recruitment, increase program efficiency, provide increased flexibility and choices to students, and promote competitiveness for training grant applications. These enhancements will better position both our students and our graduate program for success in the future.

   The Graduate Council previously had approved (on November 17, 2010) the creation of the Graduate Program in Biomedical Sciences (Ph.D. and M.S.) with options in Biochemistry and Molecular Genetics, Translational Therapeutics, and Virology and Immunology; this proposal included the elimination of the four existing graduate programs in order to engage their faculty and pool their resources in support of the newly created graduate program.