List of Proposed Course Credit Changes to the Following Undergraduate Programs Organized by Department or School

1. **CoAD**
    (a) B.A. in Interior Design
        i. Eliminate 3 credits of social science to reflect new GER
        ii. Courses rearranged to balance student load and reflect current offering patterns
        iii. Program now requires 127 credits
2. **Humanities**
    (a) B.S. in Science, Technology, and Society
        i. Eliminate 2 credits in PE to reflect new GER
        ii. Eliminate 1 credit independent study elective
        iii. Replaced former management GUR course with free elective
        iv. Replaced CS 100 with CS 103 for GER
        v. Program now requires 121 credits
    (b) B.A. in Theatre Arts and Technology
        i. Eliminate 8 credits of social sciences and PE; theatre elective added to meet minimum credit requirements
        ii. Specialization option courses are no longer specified but are determined in consultation with the academic advisor
        iii. Program now requires 121 credits
3. **History**
    (a) B.A. in Law, Technology, and Culture
        i. Replace 7 credits of social sciences and PE with electives to reflect new GER
        ii. Replace 1 credit of PE with new 1 credit course Hist 312 (Professional Development in Law)
        iii. CS 100 is no longer required; any CS course may be taken to satisfy GER
        iv. Program still requires 120-121 credits
    (b) B.A. in History
        i. Replace 8 credits of social sciences and PE with electives to reflect new GER
        ii. Program still requires 120 credits

4. **Mathematical Sciences**
    (a) B.S. in Mathematical Sciences
        i. Eliminate 8 credits of social sciences and PE from all concentrations; a technical elective added to applied mathematics, computational mathematics, mathematical biology, and applied statistics and data analysis concentrations to meet minimum credit requirements

ii. Math 478 added as an option in a list of courses in the computational math concentration
iii. The course option to Math 477 is eliminated in the applied statistics and data analysis concentration
iv. Mathematical biology concentration has replaced Rutgers biology courses with NJIT biology courses as appropriate
v. Courses rearranged to balance student load and reflect current offering patterns
vi. Applied mathematics concentration requires 122 credits; applied statistics and data analysis concentration requires 121 credits; computational mathematics concentration requires 120 credits; mathematical biology concentration requires 120 credits; mathematics of finance and actuarial science concentration requires 121 credits

5. Biomedical Engineering

(a) B.S. in Biomedical Engineering
i. New five-year (co-op) versions of the biomaterials, bioinstrumentation, and biomechanics tracks

6. Electrical and Computer Engineering

(a) B.S. in Computer Engineering
i. Eliminate 8 credits of social sciences and PE to reflect new GER
ii. ECE 354 eliminated from program; five other existing courses in program increased by one credit each
iii. Phys 122 replaces Phys 121
iv. Courses rearranged to balance student load and reflect current offering patterns
v. Program now requires 124 credits

(b) B.S. in Electrical Engineering
i. Eliminate 8 credits of social sciences and PE to reflect new GER
ii. Three existing courses in program increased by one credit each
iii. Phys 122 replaces Phys 121
iv. Courses rearranged to balance student load and reflect current offering patterns
v. Program now requires 123 credits

(c) New five-year (co-op) versions of the Computer Engineering and Electrical Engineering programs

7. Mechanical and Industrial Engineering

(a) B.S. in Mechanical Engineering
i. New five-year (co-op) versions of the Mechanical Engineering program