

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

1. Chemical, Biological, and Pharmaceutical Engineering

- (a) B.S. in Chemical Engineering
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER
 - ii. Eliminate Chem 121 as alternative chemistry course
 - iii. Program now requires 128 credits
- (b) New 5-year versions of the B.S. in Chemical Engineering reflecting Co-op option

2. Civil and Environmental Engineering

- (a) B.S. in Civil Engineering
 - i. Eliminate 5 credits in social science and PE to reflect new GER
 - ii. Eliminate Chem 121 and Chem 122 as alternative chemistry courses
 - iii. Program now requires 128 credits

3. NCE

- (a) B.S. in General Engineering
 - i. Rename of current Engineering Science program
 - ii. Added CS 101 as alternative computer science course
 - iii. Eliminate 2 credits of PE to reflect new GER
 - iv. Replaced a social science course with an Engineering Science elective
 - v. Program now requires 125 credits

4. Biomedical Engineering

- (a) B.S. in Biomedical Engineering
 - i. Individual tracks have suggested orders for courses
 - ii. Added BNFO 135 and CS 115 as alternative computer science courses
 - iii. Updated suggested 300 level humanities course list
 - iv. Requires IE 492 to satisfy social sciences GER
 - v. Added a 2 credit chemistry lab course for the accelerated pre-health track
 - vi. Eliminate 8 credits of social sciences and PE in the biomaterials, biomechanics, bioinstrumentation, and accelerated pre-health tracks and 5 credits for the pre-health track.
 - vii. Biomaterials and biomechanics tracks now require 128 credits; bioinstrumentation requires 127 credits; the pre-health track requires 131 credits; the accelerated pre-health track requires 126 credits

5. Mechanical and Industrial Engineering

- (a) B.S. in Mechanical Engineering
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER
 - ii. Eliminate Chem 121 and Chem 122 as alternative chemistry courses
 - iii. Courses rearranged to balance student load and reflect current offering patterns

iv. Program now requires 122 credits

6. Computer Sciences

(a) B.S. in Computer Science

- i. Eliminate 8 credits of social sciences and PE to reflect new GER
- ii. Freshman Seminar added as an alternative to CS 107
- iii. Courses rearranged to balance student load and reflect current offering patterns
- iv. Program now requires 121-122 credits

(b) B.S. in Bioinformatics

- i. Eliminate 8 credits of social sciences and PE to reflect new GER
- ii. Freshman Seminar added as an alternative to CS 107
- iii. Courses rearranged to balance student load and reflect current offering patterns
- iv. Program now requires 120-121 credits

(c) B.S. in Computing and Business

- i. Eliminate 8 credits of social sciences and PE to reflect new GER
- ii. Freshman Seminar added as an alternative to CS 107
- iii. Courses rearranged to balance student load and reflect current offering patterns
- iv. Program now requires 120-121 credits

(d) B.A. in Computer Science

- i. Eliminate 8 credits of social sciences and PE to reflect new GER
- ii. Freshman Seminar added as an alternative to CS 107
- iii. Phys 121 and Phys 121A replace a lab science course
- iv. Math 244 is eliminated as an alternative to Math 333
- v. Courses rearranged to balance student load and reflect current offering patterns
- vi. Elective course added so program meets minimum credit requirements
- vii. Program now requires 121-122 credits