

Additional Course and Program Information for CUE REPORT

A. List by Department/School of Proposed New Courses and Course Updates Approved by CUE

1. CHEMISTRY

- a) New courses in Forensic Science: FRSC 201, FRSC 307, FRSC 359, FRSC 475, and FRSC 480

2. HISTORY

- a) Title of Hist 381 shortened

3. SCHOOL OF MANAGEMENT

- a) Course number change: MGMT 491 is now MGMT 391
- b) Course number and title change: MGMT 499 is now MGMT 399
- c) Title and description change for OM 375
- d) Prerequisite change for MGMT 216
- e) New courses: MGMT 116 and MIS 385

4. INFORMATICS

- a) Prerequisite change for IT 420 and IT 430
- b) Description change for IS 465
- c) Title, prerequisite, and/or description change for IS 488 and IS 489 due to department name change

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

1. Chemistry and Environmental Science

- (a) B.S. in Forensic Science
 - i. Updates to curriculum to reflect suggestions of advisory board and accreditation commission using newly approved courses
 - ii. Both alternatives of Forensic Biochemistry concentration require 120 credits as does the single version of the Forensic Chemistry concentration
- (b) B.S. in Biochemistry
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER
 - ii. Introductory biology courses updated to reflect new NJIT offerings
 - iii. Courses rearranged to balance student load and reflect current offering patterns
 - iv. Program now requires 122 credits

- (c) B.S. in Chemistry
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER; a free elective (with MGMT 390 recommended) is added to meet minimum credit requirements
 - ii. Courses rearranged to balance student load and reflect current offering patterns
 - iii. Program now requires 120 credits
- (d) B.S. in Environmental Science
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER
 - ii. Introductory biology courses updated to reflect new NJIT offerings
 - iii. Upper level Rutgers biology course replaced with choice of two alternative NJIT biology courses
 - iv. Upper level Rutgers biology course replaced with NJIT EVSC course yielding a 1 credit reduction
 - v. Technical elective credit requirement reduced by 1 credit
 - vi. Biol 205 and 206 added to program (4 credits)
 - vii. EVSC 381 added to program (3 credits)
 - viii. Program now requires 125 credits

2. Engineering Technology

- (a) B.S. in Concrete Industry Management
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Eliminate 3 credit accounting course
 - iii. Courses rearranged to balance student load
 - iv. Program requires 120 credits
- (b) B.S. in ET, Technology Education
 - i. Eliminate 5 credits of management and PE to reflect new GER
 - ii. Eliminate 3 credits of technical electives
 - iii. Eliminate 3 credit 300 level STS course (omitted from current catalog)
 - iv. Adds credits for "Supervised Teaching"
 - v. Courses rearranged to balance student load
 - vi. Students can now complete program in 4 years
 - vii. Program now requires 126 credits
- (c) B.S. in ET, Construction Engineering Technology
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Courses rearrange to balance student load
 - iii. Program now requires 126 credits
- (d) B.S. in ET, Computer Technology
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Eliminate MIS 245, MRKT 330, MRKT 360 or MGMT 480, Math 112 or Math 346 or Technical Elective, OM 375, CPT 450, and MNET 315 or Fin

415; add IT 230, MGMT 390, CPT 373, CPT 325 or MIT 360, and CPT 425 or MIT 362

- iii. Program now requires 124 credits
- (e) B.S. in ET, Electrical and Computer Engineering Technology
 - i. Eliminate 2 credits of PE to reflect new GER
 - ii. Rearrangement of courses to reflect 1 semester senior project (credits unchanged from previous 2 semester version of senior project)
 - iii. Program now requires 127 credits
- (f) B.S. in ET, Mechanical Engineering Technology
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Rearrangement of courses to reflect 1 semester senior project (credits unchanged from previous 2 semester version of senior project)
 - iii. Courses added to list of recommended technical electives
 - iv. Program now requires 123 credits
- (g) B.S. in ET, Medical Informatics Technology
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Program now requires 123 credits
- (h) B.S. in ET, Manufacturing Engineering Technology
 - i. Eliminate 5 credits of social sciences and PE to reflect new GER
 - ii. Program now requires 125 credits
- (i) B.S. in ET, Surveying Engineering Technology
 - i. Eliminate 8 credits of social sciences and PE to reflect new GER
 - ii. Update course credit counts to reflect changes from 2014
 - iii. Make SET 280 a required course rather than a technical elective
 - iv. Program now requires 123 credits