

Late April 2020 Report

Items passed by CUE through the end of April 2020 are given below.

Curriculum Updates

1. Humanities

(a) B.S. in Science, Technology, and Society

- i. STS 492 added as alternative to STS 491.

2. BME

(a) B.S. in Biomedical Engineering, Biomechanics track

- i. Chem 124 replaced by Chem 125A.
- ii. Courses rearranged to reflect current offering patterns.

(b) B.S. in Biomedical Engineering, Biomaterials track

- i. Chem 124 replaced by Chem 125A.
- ii. Advanced science elective replaced by advanced engineering elective.
- iii. Courses rearranged to reflect current offering patterns.

(c) B.S. in Biomedical Engineering, Medical Device and Imaging track

- i. Bioinstrumentation track renamed Medical Device and Imaging track.
- ii. Chem 124 replaced by Chem 125A.
- iii. ECE 251 and BME 373 replaced by advanced engineering electives.
- iv. Courses rearranged to balance student load and reflect current offering patterns.

(d) Minor in Biomedical Engineering

- i. Eliminated courses no longer being offered.
- ii. Broadened list of courses that can satisfy minor.

(e) Minor in Nanotechnology

- i. Minor to be eliminated.

3. SoM

(a) B.S. in Business

- i. Freshman Seminar added to curriculum.

(b) B.S. in Business, International Business concentration

- i. Concentration to be sunset.

(c) B.S. in Financial Technology

- i. New program.

4. History

(a) B.A. in History

- i. Senior readings seminar replaced by a free elective.

(b) B.A. in Law, Technology, and Culture

- i. Hist 320 added to the list of core courses.

(c) Accelerated History/J.D. program, Accelerated Law, Technology, and Culture/
J.D. program

- i. GUR to GER conversion.
- ii. Free electives eliminated to make 120 credit total.

(d) Accelerated History/M.D. program, Accelerated History/D.M.D.,O.D., Accelerated History/D.P.T.

- i. GUR to GER conversion.
- ii. Rutgers biology courses replaced by NJIT equivalents
- iii. Chem 124 replaced by Chem 125A.
- iv. Chem 126A added as required course.
- v. Free electives eliminated to make 120 credit total.
- vi. Senior readings seminar replaced by a free elective.

(e) Double major in Biology and Law, Technology, and Culture

- i. GUR to GER conversion.
- ii. Rutgers biology courses replaced by NJIT equivalents
- iii. Chem 124 replaced by Chem 125A.
- iv. Chem 126A added as required course.
- v. IT 331 and IT 332 now both required courses.
- vi. Biology courses updated to reflect current B.A. in Biology requirements.
- vii. LTC courses updated to reflect current LTC program requirements.

(f) Double major in Chemistry and Law, Technology, and Culture

- i. GUR to GER conversion.
- ii. Rutgers biology courses replaced by NJIT equivalents
- iii. Chem 124 replaced by Chem 125A.
- iv. Chem 126A added as required course.
- v. Chemistry courses updated to reflect current Chemistry requirements.
- vi. LTC courses updated to reflect current LTC program requirements.

5. CES

(a) B.S. in Chemistry

- i. MGMT 390 replaced by Math 222.
- ii. Free elective reduced by 1 credit to maintain 120 credit total.

6. NCE

(a) B.S. in General Engineering

- i. General engineering elective replaced by GEN 201

7. Math

(a) B.S. in Mathematical Sciences, Mathematical Biology concentration

- i. Rutgers biology courses replaced by NJIT equivalents.

(b) Double major in Biology/Mathematical Sciences

- i. Rutgers biology courses replaced by NJIT equivalents.
- ii. Chem 124 replaced by Chem 125A.
- iii. CS 101 added as possible alternative computing course.

(c) Accelerated program in Mathematical Sciences/M.D.

- i. Rutgers biology courses replaced by NJIT equivalents.
- ii. Chem 124 replaced by Chem 125A.
- iii. Chem 126A added as required course.
- iv. Technical elective reduced by 1 credit to maintain 120 credit total.

8. GER Subcommittee

- (a) STS 210 and STS 221 reaffirmed as History and Humanities 200 Level GER courses.

(b) HUM 232 evaluated to be History and Humanities 200 Level GER course.

New Courses and Other Course Updates

1. SoM: Course title change for MRKT 331; Contact hour change for MGMT 190.
2. Phys: Corequisite changes for Phys 102, Phys 102A, Phys 111A, Phys 202A and Phys 203A; Prerequisite and corequisite changes for Phys 103, Phys 103A, Phys 111, Phys 114, Phys 121, Phys 121A, Phys 122, and Phys 231A; Prerequisite changes for Phys 231H, Phys 234, and Phys 350; Course description change for Phys 202.
3. CES: Course description change for Chem 121 and Chem 125; Course description and prerequisite change for Chem 126; Course title and prerequisite change for Chem 336; New course, EVSC 490 (Special Topics in Environmental Science).
4. BME: Sunset BME 102 and BME 310; Course title, description, prerequisite, and contact hour change for BME 386; Course description and prerequisite change for BME 427; Prerequisite change for BME 430.
5. NCE: New course, ENGR 301 (Engineering Applications of Data Science).
6. Math: New course, Math 461 (Introduction to Statistical Computing with SAS and R).