COURSE REVISION FORM

BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York
Curriculum Proposal
COURSE REVISION

1. Name of Department: Science

2. Name and Number of course: CHE 122

3. ☐ This course is being withdrawn. (Go to 5)

4. ☐ Course revised. Check appropriate items.

☐ Change course number from _____ to _____

☐ Change course title from _____ to _____

☐ Change course hours from _____ to _____

☐ Change course credit from _____ to _____

☐ Change basic skills requirements from _____ to _____

☐ Change prerequisites from _____ to _____

☐ Change co-requisites from _____ to _____

☑ Change course description. Attach a copy of old and new description.

☐ Pathways Common Core Category: Select one if submitting for Pathways approval

☐ Other (Specify) _____

5. Reason(s) for change(s): See attached pages

6. Date effective: Fall 2021

7. Attach justification that the course revision reflects the goals for all curricula passed by Faculty Council in May, 1988

8. Attach justification that the course revision reflects the General Education goals for all curricula passed by Faculty Council in May, 2006.

9. Attach department(s) minutes approving this proposal.

Signatures

1. _____ 2/24/21
Department Chairperson or Program Director — Date

2. Mohammad Alam 2/24/2021
Scheduling Officer (Advised as to Course Code) — Date

3. Erwin J. Wong Digitally signed by Erwin J. Wong Date: 2021.03.01 10:53:48 -05'00'
Dean of Academic Affairs (Advised as to format) — Date

4. _____ 3/3/21
Chairperson of Curriculum Committee — Date
(After the approval of the Curriculum Committee)

CHE 121 Fundamentals of General, Organic and Biological Chemistry I
CHE 122 Fundamentals of General, Organic and Biological Chemistry II

CHE 121-CHE 122 Course Description Revision Reasons

1. ADD
   Students intending to apply for admission to programs such as Dentistry, Exercise Physiology, Medical Laboratory Science, Medicine, Pharmacy, Physician Assistant, Physical Therapy, or Veterinary Medicine need to enroll in CHE 201 instead of CHE 121 to meet admission or curricula requirements for these programs.

   Students intending to apply for admission to programs such as Diagnostic Medical Imaging (Sonography), Exercise Science, Public Health, Radiology, or X-ray technician need to determine whether admission or curricula requirements for these programs require CHE 121 or CHE 201.

   Reason
   Students in the Science for Health Professions program planning careers in the health professions that require CHE 201, have mistakenly enrolled in CHE 121. An estimate from a survey of students in CHE 121 is that approximately 75 students in the Science for Health Professions program enroll each semester in CHE 121, instead of CHE 201.
   The proposed course description revision will enable students to be aware of the first chemistry course needed for their career goals.

2. DELETE
   Two terms required.

   Reason
   CHE 121-CHE 122 are both required in the curriculum.

3. DELETE
   CHE 121-CHE 122 do not meet the science requirement for the Liberal Arts degree (A.A.).

   Reason
   Pathways courses meet science requirements for Liberal Arts.

CHE 121 Fundamentals of General, Organic and Biological Chemistry I
CHE 122 Fundamentals of General, Organic and Biological Chemistry II

Course Revision for CHE 121-CHE 122

OLD Course Description

CHE 121 Fundamentals of General, Organic and Biological Chemistry 4CRS, 3HRS, 3 LAB HRS.

CHE 122 Fundamentals of General, Organic and Biological Chemistry 4CRS, 3HRS, 3 LAB HRS.

This course is a two-semester course sequence that introduces principles and concepts of general, organic and biological chemistry. The laboratory will provide experimental applications of these chemical topics. CHE 121-122- Two terms are required. They are liberal arts electives. They are recommended for students intending to transfer to bachelor's degree Allied Health Science curricula. CHE 121-122 cannot be granted credit to fulfill degree requirements for Science (A.S.) and Engineering Science (A.S.). CHE 121-122 do not meet the science requirement for the Liberal Arts degree (A.A.).

NEW Course Description

CHE 121 Fundamentals of General, Organic and Biological Chemistry4CRS, 3HRS, 3 LAB HR

CHE 122 Fundamentals of General, Organic and Biological Chemistry4CRS, 3HRS, 3 LAB HRS.

This course is a two-semester course sequence that introduces principles and concepts of general, organic and biological chemistry. The laboratory will provide experimental applications of these chemical topics. They are liberal arts electives. They are recommended for students intending to transfer to bachelor's degree Allied Health Science curricula. CHE 121-122 cannot be granted credit to fulfill degree requirements for Science (A.S.) and Engineering Science (A.S.).

Students intending to apply for admission to programs such as Dentistry, Exercise Physiology, Medical Laboratory Science, Medicine, Pharmacy, Physician Assistant, Physical Therapy, or Veterinary Medicine need to enroll in CHE 201 instead of CHE 121 to meet admission or curricula requirements for these programs.

Students intending to apply for admission to programs such as Diagnostic Medical Imaging (Sonography), Exercise Science, Public Health, Radiology, or X-ray technician need to determine whether admission or curricula requirements for these programs require CHE 121 or CHE 201.

Science Department Meeting Minutes

3/11/2020

In attendance: Ali, Aparajita, Ardebili, Betancourt, Boydston-White, Chaparro, Chung, Creaco, Danison, DeLeon, Delgado, Deora, Dewprashad, Ecevit, Fernandez-Romero, Fiolhais, Ford, Geddis, Giza, Gonzalez-Urbina, Goodwyn, Gosslau, Gurcan, Halilovic, Hernandez, Hoffmann, Jayant, Johnston-Tezapsidis, Koroch, Korzun, Kosky, Krauss, Kurt, Mata, Minor, Navarro, Nguyen, Pavel, Priano, Rafferty, Salami, Salm, Schnebel, Serrano, Tesfagiorgis, Thomas, Thompson, Torres-Rangel, Tsiklauri, Van Loon, Wickstrom, Yanagisawa, Yumak H, Yumak S, Zaitsev, Zhang.

Absent: Adem, Alva, Chen, Gambino, Gazali, Iyengar, Karaalioglu, Lee, Liang, McKernan, Niyazov, Raynor, Rivera, Rywkin, Spevack, Tribiano.

Meeting called to order at 2:12pm

1. Guests: Three staff members from the Academic Advisement and Transfer Center. They provide information about the new advisement system and answer questions from the audience. Will set up two-way communication with the departments.

2. Minutes approved unanimously.

3. Prof. Goodwyn: Regarding the Science for Health Professions major, which is articulated at Lehman. Seeking approval for the following curriculum changes:

(1) New name: Science for Health.

(2) General Physics switched from a required course to an elective.

4. Proposal passes with one abstention.

5. Prof. Kosky: Proposed a change to the Course Description for CHE 121 - CHE 122 that specifies majors for students needing to enroll in CHE 201 and not in CHE 121.

6. Proposal passes unanimously.

7. Prof. Hernandez: received an email from the President regarding the implementation of the transition to online courses. All of CUNY goes online on March 19. Tomorrow the President will send an official email. For lectures, we need to learn Blackboard or Zoom quickly. For labs, we will have to generate data and send it to the students to process it and generate the lab reports.

8. Prof. Ford: Will send an email to everybody with information about useful additional resources.

9. Porf. DeLeon: There are many useful tools on Blackboard, especially Blackboard Collaborate Ultra.

10. Prof. Zheng: Will also send information about useful resources.

11. Prof. Ford: Zoom allows connection by phone for the students who do not have Internet connection.

12. Prof. Priano: Can we ask the adjuncts to provide a plan for online teaching?

13. Prof. Hernandez: Yes, we will do that. Will send an email to all adjuncts.

14. Prof. Tesfagiorgis: The Instruction Committee of the Senate is seeking volunteers to try out a new "student experience survey," which the committee hopes will eventually replace our current end-of-semester "student evaluations."

15. Prof. Jayant: We have lost 2.5 million because we lost the CSTEP and STEP grant.

16. Prof. Mata: Consider running for the senate. We need adequate representation.

Meeting adjourned at 2:55pm

Jason Danison

Department recording secretary

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