

24 October 2018

TO: Members of the Hunter College Senate

FM: Senate Office

RE: **Approved Curriculum Changes- Part III**

Substantive items listed below were previously mailed to Senators and Department Chairs. Thus, an opportunity for challenge and/or correction was provided. In accordance with Senate resolution the proposals for substantive changes are not attached, but are available in the Senate Office for inspection.

UNDERGRADUATE ROUTINE CHANGES

		Page #
UR-2210	CHEMISTRY -Change in Courses: CHEM 10000, 10200, 115000, 11100	2-5

CHEMISTRY DEPARTMENT
Hunter College, CUNY

Change in Course Pre-Requisites

FROM (strikethrough what will be changed)		TO (<u>underline</u> the changes)	
Name	Essentials of General Chemistry Lecture	Name	Essentials of General Chemistry Lecture
Prefix & Five Digit Course Number (XXXXX)	CHEM 10000	Prefix & Five Digit Course Number (XXXXX)	CHEM 10000
Pre and/or Co Requisites (specify which are pre, co, or both)	prereq: MATH 10100	Pre and/or Co Requisites (specify which are pre, co, or both)	prereq: MATH 10100 <u>or 101EN</u>
Hours	4 hrs (3 lec, 1 rec)	Hours	4 hrs (3 lec, 1 rec)
Credits	3	Credits	3
Description	Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students.	Description	Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students.
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F	Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F
Core Requirement	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society	Core Requirement (<u>Note</u> : If course is being considered for the Common Core, please see Appendix B for CUNY Common Core Submission Forms. The form must be submitted along with the proposal and syllabus.)	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society
		Effective Term Note: Most proposals take 2-3 semesters to be available for student to register	Fall 2019

2. Rationale:

The Mathematics and Statistics department created MATH 101EN as an enhanced version of MATH 10100, i.e MATH 10100 with an extra hour of instruction. Since these are the same class, both should be listed as pre-requisites for this course.

3. Consultation Statement:

a) Is the proposed change likely to affect other Departments or Programs?

NO YES – If yes, list department/program:

Has the Department/Program been consulted? NO YES N/A

b) Is this course cross-listed? If so, please list all courses affected.

- c) Does this affect the Library? NO YES
 Have you consulted the subject liaison? NO YES N/A
 For new courses or programs, please consult.

CHEMISTRY DEPARTMENT
Hunter College, CUNY

Change in Course Pre-Requisites

FROM (strike through what will be changed)		TO (<u>underline</u> the changes)	
Name	General Chemistry I	Name	General Chemistry I
Prefix & Five Digit Course Number (XXXXX)	CHEM 10200	Prefix & Five Digit Course Number (XXXXX)	CHEM 10200
Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH 12500, 15000 or equiv.	Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH <u>12400</u> or <u>12500</u> or <u>12550</u> or 15000
Hours	5 hrs (4 lec, 1 rec)	Hours	5 hrs (4 lec, 1 rec)
Credits	4	Credits	4
Description	In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors. Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.	Description	In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors. Note: No student may receive credit for both CHEM 10000-10100 and 10200-10300 or 11100.
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F	Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F
Core Requirement	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society	Core Requirement (Note: If course is being considered for the Common Core, please see Appendix B for CUNY Common Core Submission Forms. The form must be submitted along with the proposal and syllabus.) <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society	
		Effective Term Note: Most proposals take 2-3 semesters to be available for student to register	Fall 2019

2. Rationale:

MATH 12400 and MATH 12500 are being created to replace MATH 12500, which will be kept on the books for transfer students. Since MATH 12400 and MATH 12550 are equivalent to MATH 12500 they are being added as pre-requisites for this course.

3. Consultation Statement:

- a) Is the proposed change likely to affect other Departments or Programs?
 NO YES – If yes, list department/program:
 Has the Department/Program been consulted? NO YES N/A
- b) Is this course cross-listed? If so, please list all courses affected.
- c) Does this affect the Library? NO YES
 Have you consulted the subject liaison? NO YES N/A
 For new courses or programs, please consult.

CHEMISTRY DEPARTMENT
Hunter College, CUNY

Change in Course Pre-Requisites

FROM (strickthrough what will be changed)		TO (<u>underline</u> the changes)	
Name	Introductory Chemistry	Name	Introductory Chemistry
Prefix & Five Digit Course Number (XXXXX)	CHEM 11500	Prefix & Five Digit Course Number (XXXXX)	CHEM 11500
Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH 12500	Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH <u>12400 or 12500 or 12550</u>
Hours	4 hrs (3 lec, 1 rec)	Hours	4 hrs (3 lec, 1 rec)
Credits	3	Credits	3
Description	An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry. This course is appropriate for students who have had no prior coursework in chemistry.	Description	An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry. This course is appropriate for students who have had no prior coursework in chemistry.
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F	Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F
Core Requirement	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society	Core Requirement (<u>Note</u> : If course is being considered for the Common Core, please see Appendix B for CUNY Common Core Submission Forms. The form must be submitted along with the proposal and syllabus.)	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues <input type="checkbox"/> Individual and Society
		Effective Term Note: Most proposals take 2-3 semesters to be available for student to register	Fall 2019

2. Rationale:

MATH 12400 and MATH 12500 are being created to replace MATH 12500, which will be kept on the books for transfer students. Since MATH 12400 and MATH 12550 are equivalent to MATH 12500 they are being added as pre-requisites for this course.

3. Consultation Statement:

a) Is the proposed change likely to affect other Departments or Programs?

NO YES – If yes, list department/program:

Has the Department/Program been consulted? NO YES N/A

b) Is this course cross-listed? If so, please list all courses affected.

c) Does this affect the Library? NO YES

Have you consulted the subject liaison? NO YES N/A

For new courses or programs, please consult.

CHEMISTRY DEPARTMENT Hunter College, CUNY

Routine Change in Course Pre-Requisites

FROM (strike through what will be changed)		TO (<u>underline</u> the changes)	
Name	Chemical Principles	Name	Chemical Principles
Prefix & Five Digit Course Number (XXXXX)	CHEM 11100	Prefix & Five Digit Course Number (XXXXX)	CHEM 11100
Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH 12500 or equiv, MATH 12600	Pre and/or Co Requisites (specify which are pre, co, or both)	prereq or coreq: MATH <u>12400 or 12500 or 12550</u>
Hours	9 hrs (4 lec, 3 lab, 2 workshop)	Hours	9 hrs (4 lec, 3 lab, 2 workshop)
Credits	5.5	Credits	5.5
Description	In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.	Description	In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F	Grading Scale Undergraduate A-F; Graduate A-C, F; C/NC	A-F
Core Requirement	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues	Core Requirement (Note: If course is being considered for the Common Core, please see Appendix B for CUNY Common Core Submission Forms. The form must be submitted	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Common Core <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Scientific World <input type="checkbox"/> Math and Quantitative Reasoning <input type="checkbox"/> Creative Expression <input checked="" type="checkbox"/> Life and Physical Science <input type="checkbox"/> U.S. Experience in its Diversity <input type="checkbox"/> World Cultures and Global Issues

	_____ Individual and Society	along with the proposal and syllabus.)	_____ Individual and Society
		Effective Term Note: Most proposals take 2-3 semesters to be available for student to register	Fall 2019

2. Rationale:

MATH 12400 and MATH 12500 are being created to replace MATH 12500, which will be kept on the books for transfer students. Since MATH 12400 and MATH 12550 are equivalent to MATH 12500 they are being added as pre-requisites for this course.

We are deleting MATH 12600 from the pre-requisites because students need MATH 12500 in order to take MATH 12600. Only Math 12500 is required. This is an old typo.

3. Consultation Statement:

a) Is the proposed change likely to affect other Departments or Programs?

NO YES – If yes, list department/program:

Has the Department/Program been consulted? NO YES N/A

b) Is this course cross-listed? If so, please list all courses affected.

c) Does this affect the Library? NO YES

Have you consulted the subject liaison? NO YES N/A

For new courses or programs, please consult.