

Guide to Changes in General Chemistry for Fall 2021

Beginning in Fall 2021, Brooklyn College will be offering separate classes for the lecture/recitation and laboratory components of general chemistry courses. Chem 1100, 2050, and 2100 will be split into new courses as indicated in the table below.

Old Course	New Courses	
	Lecture/Recitation	Laboratory
Chem 1100 (5 cr)	Chem 1200 (3.5 cr)	Chem 1201 (1.5 cr)
Chem 2100 (5 cr)	Chem 2200 (3.5 cr)	Chem 2201 (1.5 cr)
Chem 2050 (5 cr)	Chem 2060 (3.5 cr)	Chem 1201 (1.5 cr)

This was done primarily to resolve problems students were facing under the old curriculum. Under the new system, students will be able to choose to repeat the lecture component of the course without having to register for the laboratory (or vice versa), and transfer students who have completed the lab or lecture elsewhere will not have to register for those credits at BC. (*Note: This applies only going forward. Students who seek to repeat Chem 1100, 2050, or 2100 should see the section on "Repeating a Course in Fall 21" below.*)

The purpose of this document is to answer any questions you might have.

Summer 2021:

Does this come into effect for Summer 2021? No, the old courses will still be in effect for Summer 21. There is no change until Fall.

Course Content:

Has the content of the courses changed? No. Other than routine semester-to-semester updates, the curricula are identical under the new course numbering system. There is no larger change to either the laboratory or lecture curriculum.

Will professional schools accept the new courses? Absolutely. This is a very common practice in colleges in NYC and around the country.

General Registration Questions:

Do I have to take these courses one at a time? No, in fact you can't. Chem 1200 & 1201 are co-requisites, and must be taken at the same. So are Chem 2200 & 2201, and Chem 2060 & 1201.

Those course numbers look odd. Do Chem 1200 and Chem 2060 have the same corequisite lab course? Yes. The laboratory curricula are the same for both courses, just as they were under the old course numbering.

I am majoring in a department that requires one or more of the courses listed. How does this affect me?

- If you have already completed all of the required General Chemistry courses under the old curriculum, this does not affect you.
- If you will be taking one or more of the new courses during or after Fall 21, the new courses will meet the requirements for your department. This requires changes to the Brooklyn College bulletin that will not be visible until the Fall 22 edition, but departments have been advised to update their entries with the new course numbers. If you expect to graduate prior to Fall 22 and will be using one or more of the new course numbers to satisfy your requirements, you should contact the undergraduate advisor in your department and ask them to accommodate you.

I see some sections of Chem 1100, 2050, and 2100 are being offered in Fall 2021. May I take one of those? Those sections are only for students who need to repeat a course. If you are not repeating a course you must register for one of the new course sets.

Choosing the Right First Course in Chemistry:

I have never taken a chemistry course at Brooklyn College before. What course should I take?

- If you are looking to fulfill a General Education/Pathways requirement, you should take Chem 1007, Chem 1011, or Chem 1037 depending on your interests. See the Brooklyn College Bulletin for a description of these courses and the details of the Pathways requirements they fulfill. These courses are not affected by these changes.
- If you are interested in a nursing career or Allied Health professions that require one semester of general chemistry, you should take Chem 1040. Chem 1040 is not affected by these changes. If you think this might be the correct course for you, you should consult with the [Pre-Health Advisement Office](#).
- You should register for Chem 1200&1201 or Chem 1050 if you are:
 - Majoring in Biology, Chemistry, Physics, or another program that requires Chem 1100 and Chem 2100 (or an equivalent sequence).
 - If you are interested in medicine, dentistry, pharmacy, or other pre-health programs that require a full year of general chemistry. If you are uncertain, you should consult with the [Pre-Health Professions Advisement Office](#).

How do I decide between Chem 1050 and Chem 1200&1201 as my first course in chemistry? Taken together, Chem 1200 & 1201 are a first-semester course in general chemistry for students who are well-prepared for chemistry. The sequence Chem 1050 and 2060 & 1201 covers the same material as Chem 1200&1201, but spread out over two semesters to give students who may not be fully prepared for chemistry a chance to catch up. If you did not take chemistry in high school or consider yourself to have relatively weak math skills, Chem 1050 is likely to be the better choice. If you took high school chemistry in New York and received less than an 85 on the Regents exam, you are probably best served by registering for Chem 1050.

Continuing Studies in Chemistry:

I have completed a course under the old curriculum. What course should I take now?

If you have completed the course with a passing grade (D- or better) the sequence goes as follows:

Passed: Chem 1050 -> Should go on to: Chem 2060 & 1201

Passed: Chem 1100 -> Should go on to: Chem 2200 & 2201

Passed: Chem 2050 -> Should go on to: Chem 2200 & 2201

Passed: Chem 2100 -> Should go on to: Organic Chemistry (Chem 3511 & 3512)

Repeating a Course in Fall 21:

I took Chem 1100, 2050, or 2100 previously and got a poor grade. I want to repeat it. What should I do?

The Chemistry Department is offering special, limited sections for the old courses to accommodate students who are repeating the course.

- Students who took Chem 1100, 2050, or 2100 previously and received a grade of D- or better should register for one of the new course sets (Chem 1200&1201, Chem 2060&1201, Chem 2200&2201).
- Students who took Chem 1100, 2050, or 2100 previously and withdrew with a W grade should register for one of the new course sets (Chem 1200&1201, Chem 2060&1201, Chem 2200&2201).
- Students who took Chem 1100, 2050, or 2100 previously and completed the course with a grade of F and want to take advantage of the F-grade replacement policy should register for one of the special sections of the same course. See the description below.

How do I register for a special section of Chem 1100, 2050, or 2100?

Go to the Chemistry Department website and download a copy of Repeating Renumbered Courses from [here](#), and submit it to the e-mail addresses given. You will only be allowed to register if your prior grade for the course was an F.

If your laboratory report average is above 75% you may be exempt from the laboratory. You may apply for an exemption from the laboratory so that you do not have to repeat it by filing a Lab Exemption Request form found [here](#). Filing this form means that you will use your prior laboratory grade in the current semester, so if you are hoping to improve your grade it might be in your interest to repeat the laboratory.

I previously passed Chem 1100, 2050, or 2100 but want to earn a better grade. Do I have to take both the lecture/recitation course and the laboratory course?

Yes and no. Keep in mind that once you take the new course, your credits for the old one will disappear. For example, taking either Chem 1200 or 1201 will mean that the credits for Chem 1100 no longer appear on your transcript, though the course will still be listed. Since you will no longer have credit for this course, it can no longer be applied toward graduation, and your transcript will consequently not show you as having completed both the lecture/recitation and the laboratory with a satisfactory grade. This could affect your graduation, or how your transcript is reviewed by a medical school.

That said, if you have completed one of the listed courses with a passing grade and would like to take the lecture/recitation without the lab, or vice versa, you can file a Permission to Register request form (found [here](#)). Explain your situation fully, including the semester you took the prior course and the grade you received. The department will review your request.

If you would like advisement on this question as it relates to health professional programs, you should direct your question to the Pre-Health professions office [here](#). If you would like advisement on meeting the requirements for your major, please contact your departmental advisor.

I took a General Chemistry course as a single lecture/lab class at another school, but want to repeat it at Brooklyn College. What should I do?

Take the corresponding course pair under the new curriculum. If you are not sure which course you should take, please consult with the Department of Chemistry advisor.

I took a General Chemistry as separate lecture and lab classes at another school, but want to repeat one of them at Brooklyn College. What should I do?

Check your transcript in CUNYFirst to see how the courses were evaluated. If a pair of courses were evaluated as being equivalent to a single course at BC (e.g. a first-semester lecture & lab were evaluated as equivalent to Chem 1100), contact the Transfer Evaluation office [here](#) and request a re-evaluation. The courses will be re-evaluated as a separate lecture and lab under the new curriculum, and you will be able to repeat one without the other. If you run into trouble with this, you should contact the Department of Chemistry advisor.