10 November 2020

**How Impending Changes to Chemistry Courses Will Affect Engineering Students**

The Department of Chemistry will be making major changes to the courses they offer beginning in Fall 2021. Some of these courses are either core requirements or electives in programs offered by the Price Faculty of Engineering. Students should be aware of how these changes will affect the progress of their Engineering programs.

Beginning in Fall 2021, many existing Chemistry courses will no longer be offered, and will be replaced with new course combinations comprised of separate lecture courses and laboratory courses.

The following table describes the changes as they apply to Engineering students within the Price Faculty of Engineering. *Note that special consideration has been given to CHEM 1300 and CHEM 1310, as it applies to Engineering students, as explained below.*

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Present Sequential Course Pair</th>
<th>New Sequential Course Trio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sequential Course A</td>
<td>Sequential Course B</td>
</tr>
<tr>
<td>Engineering Chem</td>
<td>CHEM 1300 (3)</td>
<td>CHEM 1310 (3)</td>
</tr>
<tr>
<td>General Chem</td>
<td>CHEM 1300 (3)</td>
<td>CHEM 1310 (3)</td>
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<tr>
<td>General/Organic Chem</td>
<td>CHEM 1320 (3)</td>
<td>CHEM 1300 (3)</td>
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<tr>
<td>Organic Chem</td>
<td>CHEM 2210 (3)</td>
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<tr>
<td>Biochemistry</td>
<td>CHEM/MBIO 2360 (3)</td>
<td>CHEM/MBIO 2370 (3)</td>
</tr>
</tbody>
</table>

*CHEM 1122 and CHEM 1126 may be taken in the same term.*
How Should Engineering Students Proceed?

Both CHEM 1300 and CHEM 1310 will be offered in Winter 2021, but will no longer be offered beginning in Fall 2021. Engineering students who require one or both of these course and who have not yet completed them, may take them in Winter 2021 (subject to regular space limitations).

For Engineering students, beginning in Fall 2021:
- CHEM 1300 is replaced by CHEM 1100 (lecture course) AND CHEM 1122 (laboratory course);
- CHEM 1310 is replaced by CHEM 1110 (lecture course) AND CHEM 1126 (laboratory course).

**NOTE:** CHEM 1122 and CHEM 1126 are available for Engineering students only. Science and U1 students who have taken CHEM 1120 will be given credit for CHEM 1122 and CHEM 1126 upon admission to the Price Faculty of Engineering.

What will students do then if they hold credit for CHEM 1300 now and do not complete 1310 in the Winter 2021 term?

Students who currently require CHEM 1310 as part of their program will take both CHEM 1110 and CHEM 1126.

Where possible, we encourage Price Faculty of Engineering students to take CHEM 1310 in the Winter 2021 term or perhaps in the summer to avoid needing to take an additional chemistry course to meet the chemistry requirement.

Please contact your departmental student advisor for confirmation of CHEM courses required for specific departments.

**List of new chemistry courses with descriptions (Faculty of Science link):**
[https://sci.umanitoba.ca/chemistry/course-and-program-changes-starting-fall-2021](https://sci.umanitoba.ca/chemistry/course-and-program-changes-starting-fall-2021)

Best Regards,

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