

[Back to chemistry transfer page](#)**TRANSFER OF INTRODUCTORY AND GENERAL CHEMISTRY COURSES TO OSU FROM OTHER PUBLIC UNIVERSITIES**

The table below shows the articulation of Introductory or General Chemistry courses from **Oregon Public Universities** to OSU. Four general chemistry sequences are taught at OSU: CH 121 - 123, CH 201, 202 & 205, CH 221 - 223, CH 224 - 226 (OSU). CH 201, 202 & 205 is a sequence for engineering students and not considered a complete one-year general chemistry sequence. OSU does not teach a "introductory chemistry" sequence that is a combination of general chemistry, organic chemistry, and biochemistry (GOB) which is common at many Oregon community colleges and some universities.

[Detailed Tables](#) of Articulation of All Chemistry Courses from Oregon Universities to OSU.

Only OSU of all Oregon public universities offers the CH 121 - 123 sequence in terms of course numbers or content. One or more the other Universities teach an "equivalent" to one or more of the other three OSU general chemistry sequences.

OSU also teaches CH 221-223 as a hybrid course with an on-line lecture and a lab at OSU. This sequence is CH 231 - 233 for the lectures and CH 261 - 263 for the corresponding labs. Completion of the hybrid general chemistry sequences fulfills the requirements for CH 221-223 (or CH 121 - 123).

How chemistry courses articulate to OSU can affect how they fulfill the course requirements for specific majors and for the chemistry minor and how they can be used as prerequisites for higher level courses.

| University                     | Articulation of CH 101 - 103 or 104 - 106 to OSU                              | Articulation of CH 201, 202, 205 to OSU    | Articulation of CH "221-223" to OSU as "CH 221 - 223" or "CH 231 - 233 and CH 261 - 263" <sup>b</sup> | Articulation of Honors chemistry to OSU as CH 224-226 <sup>c</sup> |
|--------------------------------|---|--|---|--|
| Eastern Oregon University      | <b>LDT CH <sup>a</sup></b> sequence is CH 101 - 103 for lecture/lab           | Not offered                                | Y sequence is CH 204 - 206  | Not offered  |
| Oregon Institute of Technology | <b>LDT CH</b> sequence is CH 101 - 103 for lectures and CH 104 - 106 for labs | CH 201 - 202 for lecture<br>CH 205 for lab | Y sequence is CH 221 - 223  | Not offered  |
| Portland State University      | LDT CH sequence is CH 104 - 106 for lectures and CH 107 - 109 for labs        | Not offered                                | <b>H</b> sequence is CH 221-223 for lecture & CH 227-229 for lab                                      | Not offered  |
| University of Oregon           | Not offered   | Not offered                                | <b>H</b> sequence is CH 221-223 for lecture & CH 227-229 for labs                                     | <b>N</b> CH 224H - 226H for lecture & CH 237 - 239 for labs        |
| Southern Oregon University     | Not offered   | Not offered                                | <b>H</b> sequence is CH 201 - 203 for lecture & CH 204 - 206 for lab                                  | Not offered  |
| Western Oregon University      | <b>LDT CH</b> sequence is CH 104 - 106 for lecture/lab                        | Not offered                                | Y sequence is CH 221 - 223  | Not offered  |

<sup>a</sup> LDT CH indicates that the one or more of the courses in the sequence transfer with no equivalent OSU number. These courses transfer as lower division transfer (LDT) chemistry (CH) credits with the course title and number of credits being the same as the original CC course. **Bold indicates a change from before F2007.**

<sup>b</sup> Y means the sequence articulates to OSU as CH 221 - 223

**H (red)** means the sequence articulates as CH 231 - 233 for the lectures and CH 261 - 263 for the labs. This change was implemented in 2010 and a student will not need an override to enroll for organic chemistry. If the sequence in question was taken and transferred to OSU before 2010, it will be articulated as CH LDT but can substitute for CH 221 - 223 if all the lecture courses and lab courses (6 total courses) are articulated to OSU. However, students must obtain registration overrides for CH courses that require CH 223 as an enforced pre-requisite. See the last paragraph of Explanation for further information.

<sup>c</sup> **N (blue)** means that the honors sequence does articulate to OSU as specific OSU courses but rather as CH LDT with the original course title. The sequence can be used as a substitute for CH 224 - 226 if all the lecture courses and lab course (6 total courses) are transferred to OSU. An override from chemistry is required requires for advanced chemistry course

**Explanation**

How chemistry courses from other **Oregon Public Universities** articulate to OSU, fulfill the course requirements for specific majors and for the chemistry minor, and function as valid prerequisites for higher level courses, is presented in the [Detailed Tables](#) of Articulation of All Chemistry Courses from Oregon Universities to OSU and it the official source.

In all cases, the CH 104 - 106 (or CH 101 - 103) sequence at other Oregon Universities does not transfer to OSU as CH 121-123 because the topics and level of coverage do not match the CH 121 - 123 sequence at OSU. The CH 104-106 (or CH 101 - 103) sequence typically is based on a general/organic/biochemistry or GOB textbook rather than a traditional general chemistry textbooks used at OSU with no coverage of biochemistry and little coverage of organic chemistry. Hence, the large differences in topics covered and depth of coverage of many topics makes a traditional general chemistry sequence and a GOB sequence non-equivalent.

The above 100-level courses do articulate to OSU as chemistry (CH) credits without being identified with a specific OSU course number. The title of the transferred course is the original title of the course at the other university and the number of credits transferred is the same as the original course. These courses do fulfill the OSU baccalaureate core requirement for physical science courses. Where the lecture and lab courses are taught separately with individual courses numbers, both the lecture and lab courses must be taken to obtain baccalaureate core status when articulated.

Note the column denoted "Articulation of CH 221-223". For the entries mark H or N, the lecture and labs of general chemistry are separate courses unlike at OSU. Before 2010, they did not articulate to OSU course numbers. For cases where CH 223 is a enforced prerequisite, registration overrides must be requested from the chemistry department. Completion of the the entire lecture sequence and the entire lab sequence is considered as "equivalent" or a valid

substitute for the CH 221-223 general chemistry sequence at OSU in all programs that require the CH 221-223 sequence. If a student transfers only the lecture sequence without the laboratory courses, the courses will not count as baccalaureate core courses nor as a complete general chemistry sequence for any major or the chemistry minor. After 2010, the transfer courses denoted H (blue) to articulate to separate lecture and lab courses at OSU and serve for overrides.

### Consequences

None of the 100-level chemistry courses from Oregon public Universities transfer to OSU as CH 121 - 123 or CH 221 - 223. Hence these sequences do not fulfill the requirements for majors in those OSU departments that specify a year of general chemistry. Usually CH 121 - 123, or a higher level general chemistry sequence such as CH 221 - 223, is specified in the curriculum for a specific OSU major.

A student should contact an academic adviser in the specific department of interest for clarification of the department's general chemistry requirements. CH 104-106 (CH 101 -103) will not be accepted in place of CH 221-223 for certain majors including chemistry.

A 100-level, 1-year, chemistry course sequence from a university that does not articulate to OSU as CH 121-123 or CH 221-223

- 1) does not serve as a prerequisite for organic chemistry at OSU (CH 331 or CH 334).
- 2) does not fulfill the OSU chemistry minor requirement for one year of general chemistry. [Also see general chemistry requirements for the chemistry minor.](#)
- 3) usually will not fulfill the requirements for a major that requires a one-year general chemistry sequence (contact the academic adviser in the major of interest).

[Information](#) about articulation of chemistry courses from specific Oregon community colleges.

[Information](#) about articulation of chemistry courses from specific Oregon universities.

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