Checklist for B.S. Degree in Chemistry with Chemical Education Option (Track Two)

| Core Science Courses (79-81 Credits Required) |  |  |  |
| :---: | :---: | :---: | :---: |
| Chemistry |  |  |  |
| CH 231 (or 231H) \& 271 | (5 Credits) | CH 324 or CH 421, 422 \& $461{ }^{\text {c }}$ | (4-9 Credits) |
| CH 232 (or 232H) \& 272 | (5 Credits) | CH 362 | (3 Credits) |
| CH 233 (or 233H) \& 273 | (5 Credits) | CH 411 | (3 Credits) |
| CH 334 | (3 Credits) | CH 412 | (3 Credits) |
| CH 335 | (3 Credits) | CH 440 | (3 Credits) |
| CH 336 | (3 Credits) | CH 441 | (3 Credits) |
| CH 361 | (4 Credits) | CH 442 | (3 Credits) |
|  |  | $\mathrm{CH} 462^{\text {a }}$ or $463^{\text {a }}$ or $464^{\text {a }}$ | (3 Credits) |
|  |  |  |  |
| Mathematics |  | Physics |  |
| MTH 251 | (4 Credits) | PH 211/221 or 201 | (5 Credits) |
| MTH 252 | (4 Credits) | PH 212/222 or 202 | (5 Credits) |
| MTH 254 | (4 Credits) | PH 213/223 or 203 | (5 Credits) |



| Footnotes |  |
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| ${ }^{\text {a }}$ Meets WIC Requirement. It is strongly recommended that CH 422 be taken as a co-requisite with CH 462. | ${ }^{\text {b }}$ Courses from approved list. For Perspectives, no more than two courses from one department. For Synthesis, courses must be from different departments. Transfers from Oregon Community Colleges with an AA degree have fulfilled the skills and perspective requirements. |
| ${ }^{\text {c }}$ The combination of $\mathrm{CH} 421,422$ and 461 is recommended for the strongest background in analytical chemistry. With this option, only one inorganic chemistry course (CH 411) is required. This combination increases the total credits of the degree by 2 additional credit hours. | ${ }^{\text {d }}$ Two years of one foreign language in high school. Requirement can also be met by taking two terms of a college-level language (C- or higher) or an approved proficiency test (For students entering in Fall 1997 or later.) |
| ${ }^{e}$ This is a second academic area (not chemistry). From suggested course lists on the SED web page. The courses used to satisfy the electives required for this option must be different from those required in the Chemistry Core. |  |

