Candidates also complete a secondary education professional program. Grade required for endorsement courses: C (2.0) or better. Course substitutions must be clearly noted below.

### Chemistry and Biology

- BIOL 204 - Intro to Evolution, Ecology and Biodiversity
- BIOL 205 - Intro to Cellular and Molecular Biology
- BIOL 206 - Intro to Organismal Biology
- BIOL 321 - Genetics
- BIOL 323 - Cell and Molecular Biology
  - One course from:
    - BIOL 322 - Genetics Lab
    - BIOL 324 - Methods in Molecular Biology
- BIOL 325 - Ecology
- BIOL 326 - Ecology Laboratory
- BIOL 432 - Evolutionary Biology
- CHEM 161 - General Chemistry I
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry III
- CHEM 333 - Analytical Chemistry
- CHEM 351 - Organic Chemistry
- CHEM 352 - Organic Chemistry
- CHEM 353 - Organic Chemistry
- CHEM 354 - Organic Chemistry Laboratory I
- CHEM 471 - Biochemistry I
- CHEM 472 - Biochemistry II
- CHEM 474 - Biochemistry Laboratory
  - One course from:
    - MATH 124 - Calculus and Analytic Geometry I
    - MATH 134 - Calculus I Honors

### Add Science (Optional)

You can add a science add-on endorsement by passing the NES Science Test Code 311 (Pathway 1).

You can be recommended by WWU, waive the OSPI fee, and get test preparation through taking the following coursework:

- One course from:
  - ASTR 103 - Intro to Astronomy
  - ASTR 113 - Sun, Moon, and Planets

### Outstanding Courses:

- MATH 124: MATH 115 or MATH 118 with C- or better or suitable assessment score
- MATH 134: MATH 115 or MATH 118 with A or better or suitable assessment score
- PHYS 114/115/116 series: MATH 115 or MATH 118 or suitable assessment score
- PHYS 161: MATH 124 or MATH 134 or MATH 138 (can be completed concurrently)
- PHYS 162/163: MATH 125 or MATH 135 or MATH 138 (can be completed concurrently)

These classes at WWU have associated prerequisites not listed in the above endorsement requirements. When planning your course of study, please attend to these. You are encouraged to talk with an advisor about how to do this.