The Biology with a Secondary Teaching Emphasis allows students to become secondary school teachers, while giving them the flexibility to pursue any other career in biology or continue to post-baccalaureate studies. A broad Biology curriculum for this major prepares students for a teaching endorsement in biology. It provides students with a well-rounded liberal arts education by also including courses in math, physics, and chemistry. Students will explore laboratory courses in genetics, molecular and organismal biology, as well as the relationship between science and society. To receive a recommendation for a state of Washington certification, students must complete a professional preparation program in secondary education. A Biology endorsement with a teaching certification will require being admitted to Woodring College of Education.

To learn more about this major, visit the university catalog – catalog.wwu.edu
For a complete overview of course requirements for this program, access Degree Works via Web4u

Join the conversation: facebook.com/groups/wwubiology

WWU is an equal opportunity institution. To request this document in an alternate format, please contact biologyadvising@wwu.edu.
## SAMPLE FIRST YEAR SCHEDULE

<table>
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<th>ALEKS Score:</th>
<th>FALL</th>
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| Prior completion of Calc. 1 | BIOL 204
CHEM 161
3-5 cr. non-science GURs | BIOL 205
CHEM 162
3-5 cr. non-science GURs | BIOL 206
CHEM 163
3-5 cr. non-science GURs |
| 80          | MATH 124
CHEM 161
3-5 cr. non-science GURs | BIOL 204
CHEM 162
3-5 cr. non-science GURs | BIOL 205
CHEM 163
3-5 cr. non-science GURs |
| 70          | MATH 118
CHEM 161
3-5 cr. non-science GURs | MATH 124
CHEM 162
3-5 cr. non-science GURs | BIOL 204
CHEM 163
3-5 cr. non-science GURs |
| 55          | MATH 114
7-10 cr. non-science GURs | MATH 115
CHEM 161
3-5 cr. non-science GURs | MATH 124
CHEM 162
3-5 cr. non-science GURs |
| 35          | MATH 112
7-10 credits of non-science GURs | MATH 114
7-10 credits of non-science GURs | MATH 115
CHEM 161
3-5 cr. non-science GURs |

## COURSE LOAD

Due to the heavy workload associated with lab-based courses, students are advised to take no more than two science courses per quarter (including math) during their first year. Course load will increase as students move through their program requirements.

## DECLARING A BIOLOGY MAJOR

There is a two-step process for admission into all Biology degree programs. Phase I majors are students who have declared their intent to major in Biology and are in the process of completing the introductory biology and chemistry series (BIOL 204, 205, 206 & CHEM 161, 162, 163). Students must achieve a minimum GPA of 2.9 across these courses before they are advanced to Phase II and may begin taking upper-division courses. During their last quarter of Phase I, students will be required to attend a Phase II Advising Workshop prior to being advanced.

## COURSE PLANNING WORKSHEET

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