

BIOLOGY - TRANSFER - DEGREE

Associate of Science Transfer (AST) in Biology

Faculty Advisers

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Biology is the study of living things, as well as how life is possible and changes through time. Our courses allow students to be informed members of their community and to prepare for diverse jobs. This degree aligns with the Oregon Biology Major Transfer Map (<https://www.oregon.gov/highered/about/transfer/pages/transfer-maps.aspx>) (MTM) and Core Transfer Map (CTM).

Curricular Outcomes

At the completion of this curriculum, students should be able to:

- Demonstrate mastery of discipline-specific biological concepts
- Demonstrate the ability to ask and answer questions using the scientific method by collecting and analyzing data during scientific investigations
- Select, evaluate and utilize discipline-specific information and literature to explore topics
- Demonstrate an understanding of the relationship between science and society

General education courses (such as math, writing, health, etc.) can be taken during any term, or before starting the program.

First Quarter

Fall		Credits
BI221Z	Principles of Biology: Cells	5
CH221Z & CH227Z	General Chemistry I and General Chemistry I Laboratory	5
WR121Z	Composition I ★	4
Credits		14

Second Quarter

Winter		Credits
BI222Z	Principles of Biology: Organisms	5
CH222Z & CH228Z	General Chemistry II and General Chemistry II Laboratory	5
WR227Z	Technical Writing ★	4
Credits		14

Third Quarter

Spring		Credits
BI223Z	Principles of Biology: Ecology and Evolution	5
CH223Z & CH229Z	General Chemistry III and General Chemistry III Laboratory	5
Mathematics requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#math)		4-5
Credits		14-15

Fourth Quarter

Fall		Credits
PH201 or PH211	General Physics I or General Physics with Calculus I	5
Mathematics requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#math)		4-5
Arts & Letters requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#arts-letters)		3-4
Social Science requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#social-science)		3-4
Credits		17-18

Fifth Quarter

Winter		Credits
PH202 or PH212	General Physics II or General Physics with Calculus II	5
Arts & Letters requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#arts-letters)		3-4
Social Science requirement (https://catalog.mhcc.edu/degree-certificate-requirements/ast-biology/#social-science)		3-4
Elective / university requirement		3-4
Credits		16-17

Sixth Quarter

Spring		Credits
PH203 or PH213	General Physics III or General Physics with Calculus III	5
Elective / university requirement, if needed to reach 90 credits		0-10
Credits		15
Total Credits		90-93

Transfer Schools

- Eastern Oregon University (<http://www.eou.edu/biology/>)
- Oregon State University (<http://biology.science.oregonstate.edu/>)
- Pacific University - PharmD Bridge Program (<https://pacificu.edu/pharmacy/admissions/bridge-programs/>)
- Portland State University (<http://www.pdx.edu/biology/>)
- Southern Oregon University (<http://www.sou.edu/biology/>)
- University of Oregon (<http://biology.uoregon.edu/>)