

# BIOLOGICAL SCIENCES

Note: MATH 143 is a prerequisite to required physics courses. To graduate in this program, students must earn a minimum grade of C in BIOL 114 and BIOL 115 and must have a minimum gpa of 2.40 in BIOL 114, BIOL 115, BIOL 213, BIOL 310, and BIOL 312.

## A. 45-Credit Composite Teaching Major

Code	Title	Hours
Special Methods Sequence:		
EDCI 433	Secondary Science Methods	3
EDCI 443	Secondary Science Methods Practicum	1
BIOL 114	Organisms and Environments	4
BIOL 115 & 115L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
BIOL 213	Structure and Function Across the Tree of Life	4
BIOL 310 & BIOL 315	Genetics and Genetics Lab	4
BIOL 312	Molecular and Cellular Biology	3
BIOL 313	Molecular and Cellular Laboratory	1
BIOL 314	Ecology and Population Biology	4
BIOL 421	Advanced Evolution/Population Dynamics	3
CHEM 101 or CHEM 111	Introduction to Chemistry General Chemistry I	3
CHEM 101L or CHEM 111L	Introduction to Chemistry Laboratory General Chemistry I Laboratory	1
CHEM 275 or CHEM 277	Carbon Compounds Organic Chemistry I	3
PHYS 111 & 111L	General Physics I and General Physics I Lab	4
PHYS 112 & 112L	General Physics II and General Physics II Lab	4
Select 3-4 credits of electives <sup>1</sup>		3-4
<b>Total Hours</b>		<b>49-50</b>

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See list of electives for the Biology major (<https://catalog.uidaho.edu/colleges-related-units/science/biological-science/>) in the Department of Biological Sciences (<https://catalog.uidaho.edu/colleges-related-units/science/biological-science/>).

## B. 24-Credit Composite Teaching Minor

Code	Title	Hours
BIOL 114	Organisms and Environments	4
BIOL 115 & 115L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
BIOL 213	Structure and Function Across the Tree of Life	4
BIOL 310 & BIOL 315	Genetics and Genetics Lab	4
BIOL 312	Molecular and Cellular Biology	3
BIOL 313	Molecular and Cellular Laboratory	1
BIOL 314	Ecology and Population Biology	4
<b>Total Hours</b>		<b>24</b>