

**Biology Minor
(2011-2012)
Advising Checklist
(29 Credits)**

- The minor in Biology includes a required introductory biology sequence with a chemistry prerequisite or corequisite (BI 211, BI 212, BI 213, *Principles of Biology), a required course in cell and molecular biology (BI 314) and 13 or more credits of upper-division courses offered under the elective areas listed below.
- Equivalent courses taken at other institutions may be substituted.
- Any substitutions must be approved by the Biology Program office.
- No upper-division course used to satisfy a major requirement may be used to fulfill the physiology, ecology and systematics, evolution, or genetics elective areas below.

Name: _____ ID#: _____

Email: _____ Major: _____

Required (16)

		Grade Received	Credits (16)
BI 211	*Principles of Biology (4)	_____	_____
BI 212	*Principles of Biology (4)	_____	_____
BI 213	*Principles of Biology (4)	_____	_____
BI 314	Cell and Molecular Biology (4)	_____	_____

Electives: Choose one course in each of the following subject areas:

Physiology:

Course Number	Grade Received	Credits
BOT 331 Plant Physiology (4)	Z 423 Environmental Physiology (4)	_____
Z 425 Embryology and Development (5)	Z 430 Principles of Physiology (4)	_____
Z 431 Vertebrate Physiology (4)	Z 432 Vertebrate Physiology (4)	_____

Ecology and Systematics:

BI 370

Ecology (3)

BOT 425

Flora of the Pacific Northwest (3)

MB 448

Microbial Ecology (3)

Z 361

Invertebrate Biology (3)

Z 371

Vertebrate Biology (3)

BOT 341

Plant Ecology (4)

ENT 420

Insect Ecology (3)

Z 351

Marine Ecology (3)

Z 365

Biology of Insects (4)

**Course
Number**

**Grade
Received**

Credits

Evolution:

BI 445

Evolution (3)

HSTS 415

* Theory of Evolution and Foundation of Modern Biology (4)

Z 345

*Introduction to Evolution (3)

**Course
Number**

**Grade
Received**

Credits

Genetics:

BI 311

Genetics (4)

MCB 530

Introduction to Population Genetic (3)

MB 310

Bacterial Molecular Genetics (3)

**Course
Number**

**Grade
Received**

Credits

Total Biology Minor Credits = 29 or more credits