

Name _____
ID# _____

Evaluated by _____
Date _____

Prerequisites are shown in *italics*.

CREDIT EVALUATION
The University of Montana Western
2013-2014 Catalog

MATHEMATICS OPTION AREA
MATHEMATICAL ECOLOGY

All Mathematics courses for a Math Major must be completed with a B- or better.

General Education Requirements

_____ BIOB 160 Principles of Living Systems 4 _____ Accept _____
M 095 or appropriate ACT/SAT scores
_____ CHMY 141 College Chemistry 4 _____ Accept _____
M 095 or appropriate ACT/SAT scores; high school chemistry or CHMY 121 recommended

Mathematical Ecology Core Requirements

_____ BIOB 170 Prin of Biological Diversity 4 _____ Accept _____
M 095 or appropriate ACT/SAT scores, BIOB 160 recommended
_____ BIOB 260 Cell & Molecular Biology 4 _____ Accept _____
BIOB 160
_____ BIOB 375 General Genetics 4 _____ Accept _____
BIOB 260 and STAT 121
_____ BIOB 420 Evolution 4 _____ Accept _____
Junior/Senior standing and BIOB 375
_____ BIOE 370 General Ecology 4 _____ Accept _____
BIOB 170
_____ STAT 335 Advance Field Statistics 4 _____ Accept _____
STAT 217 or STAT 233

Select 1 of the following:

_____ BIOE 222 Invasive Species 4 _____ Accept _____
_____ BIOE 250 Conservation Biology 4 _____ Accept _____
Any 100-level math, BIOB 101 or BIOB 170 highly recommended
_____ BIOE 425 Wetlands Ecology 4 _____ Accept _____
CHMY 143 and either BIOB 160 or BIOB 170
_____ BIOM 427 General Parasitology 4 _____ Accept _____
BIOB 260 and BIOE 370
_____ BIOO 262 Intro to Entomology 4 _____ Accept _____
BIOB 170
_____ BIOO 435 Plant Systematics 4 _____ Accept _____
BIOO 220
_____ BIOO 450 Vertebrate Zoology 4 _____ Accept _____
BIOB 170
_____ BIOO 470 Ornithology 4 _____ Accept _____
BIOB 170
_____ BIOO 475 Mammalogy 4 _____ Accept _____
BIOB 170
_____ WILD 471 Wildlife Ecology & Mgmt 4 _____ Accept _____
BIOB 170 and either STAT 217 or STAT 233
_____ WILD 473 Fisheries Ecology & Mgmt 4 _____ Accept _____
BIOB 170 and either STAT 217 or STAT 233

TOTAL CREDITS.....28