

**MONTANA STATE UNIVERSITY - COLLEGE OF AGRICULTURE**

**Department of Plant Sciences and Plant Pathology**

**Degree Requirements for a B.S. in Environmental Horticulture/Environmental Horticulture Science Option**

**2015-2016 Catalog Curriculum: ENVH/ENHS**

**Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Graduating Semester:** \_\_\_\_\_

**Total semester credits must equal a minimum of 120 credits; Total upper division must equal a minimum of 42 credits  
ALL DEPARTMENTAL REQUIREMENTS & THEIR PREREQUISITES MUST BE A GRADE OF C- OR BETTER  
APPLICATIONS FOR BACCALAUREATE ARE DUE ONE YEAR BEFORE GRADUATION**

**DEPARTMENTAL REQUIREMENTS**

Subject/#	Course Title	Credits	Sem	Year	Grade	Sub/TR/Comments
<b>Freshman Year</b>						
AGSC 101	Intro to Ag and Env Resources	1	F			
BIOB 170IN	Prin Biological Diversity	4	F S			
BIOB 160	Prin of Living Systems	4	F S			
BIOB 110CS	Intro to Plant Biology	3	S			
HORT 105	Miracle Growing	3	F			
CHMY 121IN	Intro to General Chemistry	4	F S Su			
M 145Q	Liberal Arts Math	3	F S Su			
WRIT 101W	College Writing I	3	F S Su			

*WRIT 101W is waived with an ACT English Score of 28 or higher, an SAT Critical Writing score of 650 or higher, an MUS Writing Assessment of 5.5, or an ACT/SAT essay/writing subscore of 11.*

**Sophomore Year**

CHMY 123	Intro Organic & Biochemistry	4	F S Su			
BIOO 262IN	Intro to Entomology	3	F			
ENCS 245IN	Soils	3	F			
HORT 231	Woody Ornamentals	3	F			
HORT 232	Herbaceous Ornamentals	3	S			
HORT 245	Plant Propagation	3	S			
BIOO 220	General Botany	3	F			

**Select two of the following:**

AGED 105	Microcomputer in Agriculture	3	S			
BGMT 205	Prof Business Communication	3	F S Su			
BMIS 211	Intro Bus Decision Support	3	F S			
WRIT 201	College Writing II	3	F S			
WRIT 221	Intermediate Technical Writing	3	F S			
SPNS 101	Elementary Spanish I	4	F S Su (alt)			
AGED 312R	Communicating Agriculture	3	F (odd)			
AGED 482	NonFormal Teaching Methods in Ag	3	F			

**Junior Year**

HORT 310	Turfgrass Management	3	F			
AGSC 491	Plant Nutrition & Soil Fertility Mngmt	3	F			
BIOB 377	Practical Genetics	3	S			
HORT 343	Commercial Plant Product	3	S			

**Select one of the following:**

BIOB 318	Biometry	3	F			
STAT 216Q	Introduction to Statistics	3	F S Su			

**Select one of the following:**

ACTG 201	Principles of Financial Accounting	3	F S Su			
BMGT 335	Management & Organization	3	F S Su			
BMKT 325	Principles of Marketing	3	F S Su			

Senior Year						
HORT 447	Advanced Plant Propagation	3	F			
HORT 485R	Horticulture Capstone I	1	F			
HORT 486R	Horticulture Capstone II	2	S			
BIOM 421	Concepts of Plant Pathology	3	S			
BIOO 433	Plant Physiology	3	S			

**Select three of the following:**

BIOM 360	General Microbiology	5	F S			
AGSC 450	Plant Disease Control	3	S (odd)			
BIOB 430	Plant Biotechnology	3	S (even)			
HORT 337	Vegetable Production	3	F (odd)			
HORT 345	Market Gardening	3	Su			
BIOO 435	Plant Systematics	3	F			
AGSC 441	Plant Breeding and Genetics	3	S (odd)			
BIOE 416	Alpine Ecology	3	Su			
BIOM 423	Mycology	3	F (even)			
BIOE 424	Ecology of Fungi	3	F (odd)			
AGED 315	Electrical & Power Systems Operation	3	F			
HORT 490R	Undergraduate Research	1-4	On Demand			

*verify appropriate prerequisites*

Core 2.0 Requirements (Must be a grade C- or better)	Credits	Sem	Year	Grade	Transfer/Comments
Seminar (US)					
College Writing (W)					
Quantitative Reasoning (Q)					
Diversity (D)					
Contemp Issues in Science (CS)					
Arts (IA, RA)					
Humanities (IH, RH)					
Natural Sciences (IN, RN)					
Social Sciences (IS or RS)					
Research (R, RA, RH, RN, R)					

**Total Credits (120 required):** \_\_\_\_\_ **Upper Division (42 required):** \_\_\_\_\_

\_\_\_\_\_  
Student Signature Date

\_\_\_\_\_  
Advisor Signature Date

\_\_\_\_\_  
Dept. Certifying Officer Signature Date