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
2012-2014 Catalog   Curriculum: ENVH

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
Freshman Year						
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	S			
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.

Subject/#	Course Title	Credits	Sem	Year	Grade	Sub/TR/Comments
Sophomore Year						
CHMY 123	Intro Organic & Biochem	4	F S Su			
BIOO 262IN	Introductory 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			
Take two of the following:						
BGMT 205	Management Comm Fund	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	Spanish I (MLS 101)	4	F S Su(alt)			
AGED 312R	Communicating Ag to the Public	3	F (odd)			
AGED 482	NonFormal Teaching Methods in Ag	3	F			

Subject/#	Course Title	Credits	Sem	Year	Grade	Sub/TR/Comments
Junior Year						
HORT 310	Turfgrass Management	3	F			
ENSC 353	Environmental Biogeochemistry	3	F			
BIOB 377	Practical Genetics	3	S			
HORT 343	Commercial Plant Product	3	S			
Take one of the following:						
BIOB 318	Biometry	3	F			
STAT 216Q	Introduction to Statistics	3	F S Su			
Take one of the following:						
ACTG 201	Principles of Financial Accounting	3	F S Su			
BMGT 335	Management & Organization	3	F S Su			
BMKT 325	Marketing	3	F S Su			

Senior Year					
HORT 447	Advanced Plant Propagation	3	F		
HORT 485	Horticulture Capstone I	1	F		
HORT 486R	Horticulture Capstone II	2	S		
BIOM 421	Concepts of Plant Path	3	S		
BIOO 433	Plant Physiology	3	S		
HORT498	Internship/Coop Education	3	F S Su		
Take two of the following:					
BIOM 360	General Microbiology	5	F S		
BIOB 318	Biometry (PSPP 318)	3	F		
AGSC 450	Plant Disease Control	3	S(odd)		
BIOB 430	Plant Biotechnology	3	S(even)		
HORT 337	Vegetable Production	3	F(odd)		
HORT 345	Organic 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)		
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):**

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Student Signature   **Date**

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Advisor Signature   **Date**

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Dept. Certifying Officer Signature   **Date**