

COURSE REQUIREMENTS FOR BACHELOR OF SCIENCE (B.S.) IN ENVIRONMENTAL HORTICULTURE

Name: _____

Started: _____

Advisor: _____

<u>General Education</u>	Course	Semester	Credits	Grade	Writing Intensive
Group I	ENGL 401 (Freshman English)	_____	_____	_____	_____
Group II	BIOL 528 (Applied Biostatistics I)	_____	_____	_____	_____
Group III	CHEM 403 (General Chemistry)	_____	_____	_____	_____
	CHEM 404 (General Chemistry Lab)	_____	_____	_____	_____
	PBIO 412 (Introductory Botany)	_____	_____	_____	_____
Group IV	_____	_____	_____	_____	_____
Group V	_____	_____	_____	_____	_____
Group VI	_____	_____	_____	_____	_____
Group VII	EREC 411 (Environmental & Resource Economics Perspectives)	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Group VIII	_____	_____	_____	_____	_____

Requirements in Plant Biology

PBIO 412 – Introductory Botany	_____	_____	_____	_____
PBIO 421 – Introductory Horticulture	_____	_____	_____	_____
PBIO 501 or BCHM 658/659 – Basic Biochemistry or General Biochemistry	_____	_____	_____	_____
PBIO 546 – Plants, Soils and Environment (or NR 501 Intro Soils)	_____	_____	_____	_____
PBIO 547 – Environmental Horticulture	_____	_____	_____	_____
PBIO 566 – Systematic Botany	_____	_____	_____	_____
PBIO 572 – Plant Propagation or HT 204 Plant Propagation (T-School)	_____	_____	_____	_____
PBIO 600 – Field Experience at horticultural facility (farm, golf course, nursery, or greenhouse operation, Cooperative Extension support industry, or other production experience)	_____	_____	_____	_____
PBIO 612 or BIOL 604 – Plant Genetics and Reproduction or Principles of Genetics	_____	_____	_____	_____
PBIO 651 or PBIO 653 – Plant Pathology (alternate year course)	_____	_____	_____	_____
PBIO 701 – Plant Physiology	_____	_____	_____	_____
PBIO 760 – Insect Pest Management (Alternate year course)	_____	_____	_____	_____

Other Requirements: 20 credits from any of the following courses (up to 8 credits can be from Thompson School:

PBIO 557	Small Fruit Crop Management	NR 658	GIS (Geog. Info. Systems)
PBIO 582	Sustainable Food Systems	NR 504	Freshwater Resources
PBIO 565	Turf Management	NR 703	Watershed Water Quality Mgt.
PBIO 650	Crop Production Technologies	ZOOL 745	Biology and Diversity of Insects
PBIO 652	Culture of Vegetable Crops		
PBIO 655	Tree Fruit Management	Approved Thompson School Courses:	
PBIO 678	Nursery Crop Production	HT 251	Intro. Design Communication
PBIO 679	Landscape Management	HT 257	Woody Landscape Plants
PBIO 689	Greenhouse Crop Mgt.	HT 258	Herbaceous Ornamental Plants
PBIO 720	Plant Nutrition	HT 266	Garden Design and Culture
PBIO 740	Ecological Agriculture	HT 272	Landscape design Studio
PBIO 795	Investigations in Plant Biology	HT 275	Floricultural Crop Production
Any 2 other PBIO non-horticulture courses in catalog		HT 276	Bedding Plant Production
		HT 288	Hort. Business Mgt.
		FORT 264	Arboriculture
EREC 501	Ag & Nat. Res. Product Market.	AM 261	Internal Combustion Engines I
EREC 504	Bus. Mgt. Nat. Res. Firms	AM 262	Internal Combustion Engines II
NR 706	Field Description of Soil		
NR 425	Field Dendrology		
NR 730	Terrestrial Ecosystems		
BIOL 541	General Ecology		
NR 745	Ecol. Values & Ethics		
NR 784	Sustainable Living		