Fruit, Vegetable, & Organic Horticulture Management

			Courses	Credits
FALL	AT	071 or 102	Tech Math / Turf & Landscape Calc*	2
1st Semester	CSS	110	Computer Applications in Agronomy	2
	HRT	109	Introduction to Applied Plant Science	2
	HRT	203	Introduction to Horticulture	3
	HRT	207	Horticulture Career Development	1
			Core and/or Electives (fewer credits if full-time status not required)	<u>2</u>
				12
SPRING	AT	045	Agricultural Communications*	2
2nd Semester	ENT	111	Basics of Applied Entomology	2
	HRT	204	Plant Propagation & Use	3
	HRT	218	Irrigation Systems for Horticulture	3
			Core and/or Electives (fewer credits if full-time status not required)	<u>2</u>
				12
SUMMER	AT	293	Professional Internship in Ag Tech	3
FALL			Core and/or Electives (fewer credits if full-time status not required)	<u>12</u>
3rd Semester				**12**
SPRING	CSS	210	Fundamentals of Soil Science	3
4th Semester	PLP	105	Fundamentals of Applied Plant Pathology	2
			Core and/or Electives (fewer credits if full-time status not required)	<u>7</u>
				12

TOTAL CREDITS REQUIRED FOR GRADUATION = 48

Choose at least 15 credits from the following Core areas:

Spring & Fall	ABM	100	Decision-making in the Agri-Food System	3
Spring, Sum, Fall	ABM	222	Agribusiness and Food Industry Sales (W)	3
Spring	AT	101	Spanish for the Agricultural Industry	2
Fall	CSS	126	Introduction to Weed Management (on-line)	2
Spring	HRT	205	Plant Mineral Nutrition	1
Fall	HRT	221	Greenhouse Structures & Management	3
Spring	HRT	242	Passive Solar Greenhouse for Protective Cultivation (on-line)	1
Spring	HRT	243	Organic Transplant Production (on-line)	1
Spring	HRT	251	Organic Farming Principles & Practices	3
Spring	HRT	253	Compost Production & Use (on-line)	1
Spring Even Years	HRT	323	Floriculture Production: Herb Per & Ann	3
Fall	HRT	332	Tree Fruit Production & Management	3
Spring	HRT	336	Viticulture & Berry Production	2
Spring	HRT	341	Vegetable Production & Management	3

Suggested Electives:

Spring	AE	131	Agricultural Water Resource Management (on-line)	3
Spring	AE	143	Application of Precision Agriculture Technologies (on-line)	3
Spring & Fall	AE	151	Fabrication Technology	2
Spring	AE	153	Engine and Equipment Technology	2
Spring, Sum, Fall	ABM	130	Farm Management I	3
Fall	ABM	225	Commodity Marketing I	3
Fall	AT	202	Ag Regulation Compliance and Safety (on-line)	3
Fall	CSS	101	Introduction to Crop Science	3
Fall	CSS	101L	Introduction to Crop Science Lab	1
Fall	CSS	120	Agricultural Industry Issues	3
Spring & Fall	CSS	124	Intro to Sustainable Ag & Food Systems	2
Spring	CSS	135	Crop Scouting & Investigation	3
Spring	CSS	181	Pesticide & Fertilizer Application Technology	3
Fall	CSS	226L	Weed Science Laboratory	1
Spring	HRT	404	Horticulture Management	3
Fall Odd Years	HRT	407	Horticulture Marketing	3
Fall	KIN	125	First Aid & Personal Safety	3

*Students must demonstrate English and Mathematics proficiency through a placement test, transfer credit, or MSU coursework.