

**Iowa State University
College of Agriculture
Horticulture Eight Semester Plan
Horticultural Food Crop Production and Management Option*
2011-12 Catalog**

Semester 1

ENGL 150	Freshman Composition 1	3
CHEM 163	General Chemistry	4
CHEM 163L	General Chemistry Lab	1
MATH 140,150	College-level Math	3
PSYCH or SOC	Psychology or Sociology	3
Hort 121	Home Horticulture	2
Lib 160	Library Instruction	0.5
Hort 110	Orientation to Horticulture	<u>1</u>

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Semester 3

Biol 212	Principles of Biology II	3
Econ 101	Principles of Microeconomics	3
International Perspectives	International Perspectives	3
PI P 391	Practical Plant Health	3
Agron 260	Soils and Environmental Quality	3

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Semester 5

General Elective	General Elective	2
US Diversity	US Diversity	3
Hort 391	Horticulture Mgmt. Experience	1
Chem 231,231L	Elementary Organic Chemistry	4
Hort 422	Post Harvest Technology	4
Hort 445	Horticulture Management and Administration	<u>2</u>

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Semester 7

Hort 321	Horticulture Physiology	3
FS HN 272	Basic Principles of Food Processing	3
General Elective	General Elective	3
Option Class	Option Class	3
Hort 391	Horticulture Mgmt. Experience	1
Engl 302,314	Business Communication	3

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Semester 2

ENGL 250	Freshman Composition II	3
Biol 211	Principles of Biology I	3
Hort 221	Principles of Horticulture	3
Agron 155	Soils for Horticultural Scientists	3
Stat 104	Introduction to Statistics	3
Biol 211L	Principles of Biology I Laboratory	<u>1</u>

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Semester 4

Humanities	Humanities	3
ENT 376	Fund. of Entomology and Pest Mgmt.	3
Physics 115x	General Physics	4
Hort 276x	Grape and Wine Science	3
Hort 322	Plant Propagation	<u>3</u>

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Semester 6

Acct 284	Financial Accounting	3
General Elective	General Elective	3
Ent 375	Plant Protection Using Natural Enemies	3
SpCm 212 or AdEdS 311	Speech Communications	3
Hort 471	Vegetable Production and Management	3
Hort 424	Sustainable Horticultural Systems	<u>2</u>

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Semester 8

Elective	General Elective	2
Hort 461	Fruit Crop Production and Management	3
Acct 285	Managerial Accounting	3
Hort	Horticulture Elective	3
Ethics/SOC 325	Ethics Elective/Agriculture in Transition	3
Hort 354	Soils and Plant Growth	<u>3</u>

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