

Semester Checksheet

HORTICULTURAL SCIENCE CONCENTRATION - HOSZ
HORTICULTURE MAJOR - HORT

Course #	Course Title	Credits	Semester	AUCC Category
<u>FRESHMEN YEAR</u>				
AGRI 192	Orientation – Agricultural Systems or	1	F S	—
AGRI 292	Transfer Seminar	(1)	F S	—
BZ 120	Principles of Plant Biology	4	F S	— 3-A
CHEM 111, 112	General Chemistry I & Lab	5	F S	SS — 3-A
CHEM 113, 114	General Chemistry II, & Lab	4	F S	SS —
CO 150	College Composition	3	F S	SS — 1-A
HORT 100	Horticultural Science	4	F S	— 3-A
MATH 126	Analytic Trigonometry	1	F S	SS — 1-B
Arts/Humanities ¹		6		— 3-B
Social/Behavioral Sciences ²		3		— 3-C
		<u>31</u>		

SOPHOMORE YEAR

AGRI 140	Technology in Agriculture or	3	F	—
CS 110	Personal Computing	(4)	F S	SS —
HORT 260	Plant Propagation	4	S	—
PHYS 121	General Physics I	5	F S	SS — 3-A
PHYS 122	General Physics II	5	F S	— 3-A
SPCM 200	Public Speaking	3	F S	SS — 2-A
Advanced Writing ³		3		— 2-B
Global & Cultural Awareness ⁴		3		— 3-E
Historical Perspectives ⁵		3		— 3-D
		<u>29-30</u>		

Course #	Course Title	Credits	Semester	AUCC Category
<u>JUNIOR YEAR</u>				
CHEM 245	Fundamentals of Organic Chemistry and	4	F S	SS —
CHEM 246	Fundamentals of Organic Chem. Lab or	1	F S	—
CHEM 345	Organic Chemistry I and	(4)	F S	—
CHEM 346	Organic Chemistry II	(4)	F S	—
MATH 155	Calculus for Biological Scientists	4	F S	SS — 1-B
SOCR 240	Introductory Soil Science	4	F S	—
SOCR 330	Principles of Genetics	3	F S	SS —
STAT 301	Introduction to Statistical Methods	3	F S	SS —
Horticulture Electives		8		—
Electives		<u>0-3</u>		—
		30		

SENIOR YEAR

BCHM 351	Principles of Biochemistry	4	F S	SS —
BSPM 302	Applied and General Entomology	2	F	—
BSPM 303B	Horticultural Entomology Lab	1	F	—
BSPM 361	Elements of Plant Pathology	3	S	—
BZ 440	Plant Physiology	3	S	—
HORT 454	Hort Crop Production & Management	2	S	— 4-A, 4-C
HORT 460	Plant Breeding*	3	S	— 4-B
HORT 476	Environmental Plant Stress Physiology**	3	S	—
HORT 495	Independent Study	2		—
Horticulture Electives		3		—
Electives		<u>3-4</u>		—
		29-30		

TOTAL CREDITS**120**

**Note: Refer to General Catalog for official guidelines and requirements.
27-35 upper level credits specified. (42 required for graduation).
27 Horticulture credits specified.**

* Alternate years – Offered in the fall of odd-numbered years
(HORT 310 alternate 4-B if HORT 460 is not offered.)

** Alternate years – Offered in the spring of odd-numbered years

¹Select from list of courses in Category 3-B in the All-University Core Curriculum (AUCC).

²Select from list of courses in Category 3-C in the AUCC.

³Select from list of courses in Category 2-B in the AUCC.

⁴Select from list of courses in Category 3-E in the AUCC.

⁵Select from list of courses in Category 3-D in the AUCC.