

# Class Schedule - Spring 2010

## Horticulture

100 **Introduction to Horticulture** credit: 3 hours.

Basic principles of plant growth and development as they apply to the production, marketing, and utilization of fruits, vegetables, and ornamental plants.

Students must register for one lecture-discussion and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
34160	lecture-discussion	AE1	01:00 PM - 01:50 PM	F	room 150 Animal Sciences Laboratory	Skirvin, R
34162	lecture-discussion	AE2	01:00 PM - 01:50 PM	R	room 1125 Plant Sciences Laboratory	Skirvin, R
53267	lecture-discussion	AE3	01:00 PM - 01:50 PM	R		
First Year Discovery Program Course. Registration restricted to freshmen. Students should enroll in only one Discovery Course. Discovery course. Restricted to First Time Freshman students.						
34165	lecture	AL1	01:00 PM - 01:50 PM	MW	room 149 National Soybean Res Ctr	Skirvin, R
34164	lecture-discussion	H	10:00 AM - 10:50 AM	MWF	room 1103 Plant Sciences Laboratory	Skirvin, R
Section AE3 for Chancellor's Scholars only; others may only enroll with consent of instructor and the Campus Honors Program. Section AE3 does not meet with the AL1 lecture. Students wishing to enroll in an extra 1 hour honors lab should contact Dr. Skirvin about enrolling for NRES 396. Camp Honors/Chanc Schol course.						

105 **Vegetable Gardening** credit: 3 hours.

The science and art of growing vegetables and the connection between gardening and food. Topics include nutrient and pest management, history, folklore, growing requirements, and quality characteristics of vegetables. Lecture and laboratory. Credit is not given to horticulture majors. All other students receive credit for HORT 105 or HORT 364, but not for both.

Additional Class Materials Fee Required. Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
34168	laboratory	AB1	09:00 AM - 10:50 AM	T	room 1103 Plant Sciences Laboratory	Masiunas, J

34174	laboratory	AB2	01:00 PM - 02:50 PM	T	room 1103 Plant Sciences Laboratory	Masiunas, J
34172	laboratory	AB3	09:00 AM - 10:50 AM	R	room 1103 Plant Sciences Laboratory	Masiunas, J
34178	laboratory	AB4	01:00 PM - 02:50 PM	R	room 1103 Plant Sciences Laboratory	Masiunas, J
34170	laboratory	AB5	08:00 AM - 09:50 AM	F	room 1103 Plant Sciences Laboratory	Masiunas, J
34176	laboratory	AB6	12:00 PM - 01:50 PM	F	room 1103 Plant Sciences Laboratory	Masiunas, J
34179	lecture	AL1	11:00 AM - 11:50 AM	MW	room 103 Mumford Hall	Masiunas, J
ACES Field Trip 15.00 dollars.						

106 **Home Horticulture** credit: 3 hours.

Fundamentals of home gardening and the effective use of ornamentals as a part of the home environment. Subjects include the selection, culture, and use of garden annuals, biennials, perennials, bulbs, and house plants; garden tools and equipment; soil preparation; plant propagation; principles of design and planting methods; garden maintenance; use of fertilizers; pest control; training and pruning; lawn care; hybridizing; growing structures; and care of cut flowers. Not open to students in the Horticulture curriculum.

CRN	Type	Section	Time	Days	Location	Instructor
34180	lecture	AL1	05:00 PM - 06:20 PM	TR	room 114 David Kinley Hall	Voigt, C

107 **Introduction to Floral Design** credit: 2 hours.

Introduces the art of arranging flowers, foliages, and accessories according to the principles of design. Lecture and lab.

Additional Class Materials Fee Required. Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
34181	laboratory	AB1	10:00 AM - 11:50 AM	T	room 1125 Plant Sciences Laboratory	Noland, D
34182	laboratory	AB2	08:00 AM - 09:50 AM	W	room 1125 Plant Sciences Laboratory	Noland, D

Section AB2 is restricted to Freshman and Sophmores until December 1st. Restricted to students with Freshman or Sophomore class standing.

34183	laboratory	AB3	09:00 AM - 10:50 AM	R	room 1125 Plant Sciences Laboratory	Noland, D
34184	lecture	AL1	09:00 AM - 09:50 AM	T	room W109 Turner Hall	Noland, D

ACES Class Materials 50.00 dollars.

180 **Medicinal Plants and Herbology** credit: 3 hours.

The use of cultivated and wild plants in medicines and health products according to Eastern and Western medical traditions. Consideration of herbal medicine use from ancient times to the present, important medicinal chemicals produced by plants, and the evaluation of plant chemical products as potential human medicines. Same as CPSC 180.

CRN	Type	Section	Time	Days	Location	Instructor
34186	lecture	AL1	11:00 AM - 11:50 AM	MWF	room 217 Noyes Laboratory	Briskin, D

199 **Undergraduate Open Seminar** credit: 1 to 5 hours.

Experimental course on a special topic in horticulture. Topic may not be repeated except in accordance with the Code. May be repeated in the same or subsequent terms. No more than 12 hours may be counted toward graduation.

CRN	Type	Section	Time	Days	Location	Instructor
47336	conference	PLA	ARRANGED			Williams, D; Kling, G

2 hours PLANET Preparation This course is preparation for the PLANET competition. Contact Dr. David Williams at [william3@illinois.edu](mailto:william3@illinois.edu) for more information.

261 **Biotechnology in Agriculture** credit: 3 hours.

Same as CPSC 261. See CPSC 261.

This course satisfies the General Education Criteria for a Life Sciences course.

CRN	Type	Section	Time	Days	Location	Instructor
31521	lecture- discussion	A	10:00 AM - 11:20 AM	TR	room W115 Turner Hall	Moose, S

294 **Resident Internship** credit: 1 to 4 hours.

Supervised, on-campus, learning experience with faculty engaged in research. Approved for both letter and S/U grading. May be repeated to a maximum of 4 hours. Prerequisite: Consent of academic advisor or Department Internship Coordinator.

CRN	Type	Section	Time	Days	Location	Instructor
39153	independent study		ARRANGED			

295 **Undergrad Research or Thesis** credit: 1 to 4 hours.

Individual research, special problems, thesis, development and/or design work under the supervision of an appropriate member of the faculty. May be repeated in the same or subsequent terms. No more than 12 hours of special problems, research, thesis and/or individual studies may be counted toward degree. Prerequisite: Junior standing, cumulative GPA of 2.5 or above at the time the activity is arranged, and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
10425	independent study		ARRANGED			
Instructor Approval Required						
53484	independent study	HTW	ARRANGED			Wilkinson, H

302 **Woody Landscape Plants II** credit: 4 hours.

Systematic approach to the identification, ornamental characters, culture, and use of woody landscape conifers, broadleaf evergreens, vines, ground covers, and woody ornamental deciduous trees and shrubs with special emphasis on cultivated varieties. Required field trip. Prerequisite: NRES 302 or HORT 301.

Additional Field Trip Fee Required.

CRN	Type	Section	Time	Days	Location	Instructor
34201	laboratory	AB1	08:00 AM - 09:50 AM	R	room 1305 Plant Sciences Laboratory	Kling, G
34206	lecture-discussion	AE1	10:00 AM - 11:50 AM	TR		Kling, G
ACES Field Trip 95.00 dollars.						
47104	online	BSX	06:00 PM - 09:15 PM	T		Kling, G
Academic Outreach restrictions and assessments apply, see <a href="http://www.outreach.uiuc.edu">http://www.outreach.uiuc.edu</a> . This section is for admitted B.S. in Horticulture students only. Classes will be held from 6 to 9:15 PM on Tuesdays beginning January 19. There will be no class session on Tuesday March 23 due to UIUC spring break. Exams will be proctored at The Oakbrook Multi-University Center several times throughout the semester. Online synchronous Elluminate sessions (non face-to-face classes) are on 1/26, 2/2, 2/16, 2/23, 3/2, 3/9, 3/30, 4/13, and 4/20. All other sessions are held at The Morton Arboretum in Lisle, IL. There will be 4 Saturday labs from 10 AM to 4 PM						

at the Morton Arboretum in Lisle, IL on 1/30, 2/20, 3/6, and 4/3. Restricted to BS: Horticulture -UIUC. OnlineMeets 19-Jan-10 - 04-May-10. AO Fees 2+4 45, and AO Tuition 2+4 313.00 dollars.

53680	online	XMA	06:00 PM - 09:15 PM	T		Kling, G
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Academic Outreach restrictions and assessments apply, see <http://www.outreach.uiuc.edu>. This section is for undergraduate non-degree students only. Classes will be held from 6 to 9:15 PM on Tuesdays beginning January 19. There will be no class session on Tuesday March 23 due to UIUC spring break. Exams will be proctored at The Oakbrook Multi-University Center several times throughout the semester. Online synchronous Elluminate sessions (non face-to-face classes) are on 1/26, 2/2, 2/16, 2/23, 3/2, 3/9, 3/30, 4/13, and 4/20. There will be 4 Saturday labs from 10 AM to 4 PM at the Morton Arboretum in Lisle, IL on 1/30, 2/20, 3/6, and 4/2. Restricted to NDEG: Undergrad Nondeg-CE-UIUC. OnlineMeets 19-Jan-10 - 04-May-10. AO Fees 2+4 45, and AO Tuition 2+4 277.00 dollars.

344 ***Herbaceous Plants II*** credit: 3 hours.

Course includes identification, cultural requirements, and landscape uses of herbaceous perennials and hardy bulbs. The design of perennial borders for continuous flowering will be emphasized. Prerequisite: IB 103.

CRN	Type	Section	Time	Days	Location	Instructor
34192	laboratory	AB1	11:00 AM - 12:50 PM	W	room 1103 Plant Sciences Laboratory	Noland, D
34193	lecture-discussion	AE1	11:00 AM - 11:50 AM	MF	room 1103 Plant Sciences Laboratory	Noland, D

346 ***Floristry and Floral Design II*** credit: 3 hours.

Examines flower shop management including establishment, financing and creation of a business plan. Covers pricing, buying, delivery display, and advanced floral design skills. Prerequisite: HORT 246.

Additional Class Materials Fee Required.

CRN	Type	Section	Time	Days	Location	Instructor
34195	laboratory	AB1	03:00 PM - 04:50 PM	TR	room 1125 Plant Sciences Laboratory	Noland, D
34197	lecture-discussion	AE1	02:00 PM - 02:50 PM	TR	room 1125 Plant Sciences Laboratory	Noland, D

ACES Class Materials 50.00 dollars.

359 ***Landscape Plants Production*** credit: 3 hours.

Emphasizes woody landscape plant production, nursery operation, and nursery business management techniques; includes both traditional and computer-aided management tools; examines industry scope and diversity through nursery visits, presentations by nursery operators, and field trips. Offered in alternate years. Prerequisite: NRES 302 or HORT 301 and HORT 240.

Additional Field Trip Fee Required.

CRN	Type	Section	Time	Days	Location	Instructor
34210	lecture-discussion	AE1	08:00 AM - 09:50 AM	MW	room 1103 Plant Sciences Laboratory	Williams, D
ACES Field Trip 35.00 dollars.						

396 ***Ug Honors Research or Thesis*** credit: 1 to 4 hours.

Individual research, special problems, thesis, development and/or design work under the direction of the Honors advisor. May be repeated in the same or subsequent terms. No more than 12 hours of special problems, research, thesis and/or individual studies may be counted toward degree. Prerequisite: Junior standing, admission to the ACES Honors Program, and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
34212	independent study		ARRANGED			

421 ***Horticultural Physiology*** credit: 4 hours.

Horticultural crop growth is examined in relation to plant structure, environment, and cultural practices. Emphasizes environmental control of whole plant growth as influenced by the supply of the raw materials required for growth: water, carbon dioxide, radiant energy, including the influence of temperature and photoperiod on plant growth and development. The shoot and root interactions with the environment are characterized relative to cultural practices. Prerequisite: HORT 100 or IB 103 and junior standing.

CRN	Type	Section	Time	Days	Location	Instructor
46197	lecture-discussion	AE1	02:00 PM - 02:50 PM	MWF	room 1103 Plant Sciences Laboratory	Stewart, J

436 ***Advanced Turfgrass Management*** credit: 4 hours.

Environmental stress physiology of turfgrasses and advanced topics including environmental implications of fertilizer and pesticide use on turf. Term paper, in-class presentation, and field trip required. Offered in alternate years. Prerequisite: HORT 236.

Additional Field Trip Fee Required.

CRN	Type	Section	Time	Days	Location	Instructor
40640	online	BSX	06:30 PM - 09:45 PM	R		Fermanian, T
Academic Outreach restrictions and assessments apply, see <a href="http://www.outreach.uiuc.edu">http://www.outreach.uiuc.edu</a> . This section is for admitted B.S. in Horticulture students only. No class spring break week (March 25). Students will need a working external microphone/speakers or headset with microphone and high speed internet. Wireless internet is not						

recommended. Restricted to BS: Horticulture -UIUC. OnlineMeets 21-Jan-10 - 13-May-10. AO Fees 2+4 45, and AO Tuition 2+4 313.00 dollars.

34215	lecture-discussion	H	03:00 PM - 04:50 PM	MW	room 1103 Plant Sciences Laboratory	Branham, B
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ACES Field Trip 25.00 dollars.

40642	online	XM	06:30 PM - 09:45 PM	R		Fermanian, T
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Academic Outreach restrictions and assessments apply, see <http://www.outreach.uiuc.edu>. Open to non-degree undergraduates, nondegree graduates, Crop Sciences MS, NRES MS and AGED MS. No class spring break week (March 25nd.) Students will need a working external microphone/speakers or headset with microphone and high speed internet. Wireless internet is not recommended. Restricted to MS: Crop Sciences -UIUC, MS: Crop Sciences -UIUC, MS: Agricultural Educ -UIUC, MS: Nat Res Env Sci -UIUC, MS: Nat Res & Envrn Sci -UIUC, NDEG: Grad Nondegree-CE-UIUC, or NDEG: Undergrad Nondeg-CE-UIUC. OnlineMeets 21-Jan-10 - 13-May-10. AO Tuition 309, AO Tuition 277, and AO Fees 45.00 dollars.

441 **Floricultural Crops Production** credit: 4 hours.

Examines the commercial production cycles of floricultural crops grown as potted flowering plants, cut flowers, and bedding plants. Cultural practices are derived from an understanding of the interrelationships among environmental conditions, species requirements, production systems, and floricultural physiology. Crop scheduling, production and cost analysis are emphasized in an applied setting. Field trip required. Prerequisite: HORT 240 and HORT 341.

ACES Field Trip Fee (\$40) required.

CRN	Type	Section	Time	Days	Location	Instructor
34217	laboratory	AB1	12:00 PM - 01:50 PM	F	room 1125 Plant Sciences Laboratory	Warnock, D
34218	lecture-discussion	AE1	10:00 AM - 10:50 AM	MWF	room 1125 Plant Sciences Laboratory	Warnock, D

ACES Field Trip 40.00 dollars.

442 **Plant Nutrition** credit: 4 hours.

Mechanisms and factors affecting the absorption, transport, distribution, and functions of the essential elements required by higher plants. Offered in alternate years. Prerequisite: NRES 201 and IB 334 or IB 420.

CRN	Type	Section	Time	Days	Location	Instructor
38870	lecture	AL1	10:00 AM - 11:50 AM	TR	room 320 Mumford Hall	Norton, M
53679	online	BSX	06:30 PM - 09:45 PM	M		Norton, M

Academic Outreach restrictions and assessments apply, see <http://www.outreach.uiuc.edu>. This section is for admitted B.S. in Horticulture students only. No class spring break week (March 22). Students will need a working external microphone/speakers or headset with microphone and high speed internet. Wireless internet is not recommended. Restricted to BS: Horticulture -UIUC. OnlineMeets 25-Jan-10 - 10-May-10. AO Fees 2+4 45, and AO Tuition 2+4 313.00 dollars.

53495	online	XM	06:30 PM - 09:45 PM	M		Norton, M
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Academic Outreach restrictions and assessments apply, see <http://www.outreach.uiuc.edu>. Open to non-degree undergraduates, nondegree graduates, Crop Sciences MS, NRES MS and AGED MS. No class spring break week (March 22nd.) Students will need a working external microphone/speakers or headset with microphone and high speed internet. Wireless internet is not recommended. Restricted to MS:Crop Sciences -UIUC, MS:Crop Sciences -UIUC, MS: Agricultural Educ -UIUC, MS:Nat Res Env Sci -UIUC, MS:Nat Res & Envrn Sci -UIUC, NDEG:Grad Nondegree-CE-UIUC, or NDEG:Undergrad Nondeg-CE-UIUC. OnlineMeets 25-Jan-10 - 10-May-10. AO Tuition 309, AO Tuition 277, and AO Fees 45.00 dollars.

444 **Horticulture Entreprenshp II** credit: 1 or 3 hours.

An active learning experience in which students will be responsible for the implementing, evaluating, and expanding a campus based horticultural company. Lectures, case studies, community service events, and greenhouse/crop management provides students with the knowledge needed to successfully implement a business model and strategically plan for expansion. Students are expected to participate in out-of-class learning opportunities. Because the class is taught as an active business, students are expected to complete HORT 443 before enrolling in this class. Class laboratory fee is required. 3 undergraduate hours. 1 graduate hour. Prerequisite: HORT 443, BADM 310, or consent of instructor.

Class laboratory fee of \$50 is required.

CRN	Type	Section	Time	Days	Location	Instructor
50869	laboratory-discussion	GR	08:00 AM - 09:50 AM	MF	room 1125 Plant Sciences Laboratory	Warnock, D
ACES Class Materials 50.00 dollars. 1 hours Section GR is for graduate students only. Undergraduates should enroll in section UG (CRN 50868).Not intended for Undergrad - Urbana-Champaign.						
50868	laboratory-discussion	UG	08:00 AM - 09:50 AM	MF	room 1125 Plant Sciences Laboratory	Warnock, D
ACES Class Materials 50.00 dollars. 3 hours Section UG is for undergraduates only. Graduate students should enroll in section GR (CRN 50869).Restricted to Undergrad - Urbana-Champaign.						

450 **Landscape Contracting** credit: 3 hours.

Interpreting landscape plans; writing landscape installation and construction specifications; bidding and estimating costs and quantities of landscape construction materials; landscape surveying techniques; selecting materials, preparing the site and constructing landscape structures; evaluating landscape business management practices. Field trip required. Credit is not given for both HORT 450 and LA 343. Prerequisite: NRES 302 or HORT 301.

Additional Field Trip Fee Required.

CRN	Type	Section	Time	Days	Location	Instructor
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34219	laboratory	AB1	03:00 PM - 04:50 PM	W	room 1303 Plant Sciences Laboratory	Williams, D
34221	lecture- discussion	AE1	03:00 PM - 04:50 PM	M	room 1303 Plant Sciences Laboratory	Williams, D
ACES Field Trip 20.00 dollars.						

453 **Principles of Plant Breeding** credit: 4 hours.  
Same as CPSC 453. See CPSC 453.

CRN	Type	Section	Time	Days	Location	Instructor
31554	laboratory	AB1	02:00 PM - 02:50 PM	R	room W115 Turner Hall	Kolb, F
	laboratory	AB1	02:00 PM - 03:50 PM	T	room W115 Turner Hall	Kolb, F
31556	lecture	AL1	01:00 PM - 01:50 PM	TR	room W115 Turner Hall	Kolb, F

456 **Residential Site Design II** credit: 3 hours.  
Emphasis on the design process, comprehensive development of residential sites, advanced graphic communication techniques, and theories regarding human-environment interactions. Prerequisite: HORT 455.

CRN	Type	Section	Time	Days	Location	Instructor
34207	laboratory	AB1	10:00 AM - 11:50 AM	TR	room 1303 Plant Sciences Laboratory	Taylor, A
This course is for undergraduate students only.						
34209	lecture	AL1	09:00 AM - 09:50 AM	T	room 1303 Plant Sciences Laboratory	Taylor, A
This course is for undergraduate students only.						

482 **Plant Tissue Culture** credit: 4 hours.  
Survey, description, and applications of cell and tissue culture strategies for plant research and production. Topics include culture environment, media composition, tissue manipulation, organogenesis, embryogenesis, somatic hybridization, bioreactors and use of these techniques for plant propagation and physiological and biochemical research. Independent research project is conducted by each student. Same as CPSC 482. Prerequisite: CHEM 232 and IB 103.

CRN	Type	Section	Time	Days	Location	Instructor
34213	laboratory-discussion	A	02:00 PM - 03:50 PM	TR	room N107 Turner Hall	Seufferheld, M

566 ***Plant Gene Regulation*** credit: 4 hours.  
Same as CPSC 566. See CPSC 566.

CRN	Type	Section	Time	Days	Location	Instructor
46198	lecture-discussion	A	11:00 AM - 11:50 AM	MWF	room N107 Turner Hall	Vodkin, L