

*Randy - here is what we emailed about
with respect to curriculum changes.*

Jill Pfister

From: Jill Pfister [pfister.1@osu.edu]
Sent: Tuesday, March 11, 2008 1:42 PM
To: Smithr (smithr)
Cc: Lakshmi Dutta
Subject: Curriculum Changes

Randy: We are making a few curriculum changes to some of our majors. I am struggling with whether I need to send them to you for CAA approval.

The first change is in the B.S. in Food Science. As a result of the changes in Chem 251 and 252 (content and credit hour change) we want to change the organic chemistry requirement to Chem 251 and 252 or Chem 231 and 245. We have contacted the Chemistry department and they are aware of the change and are in agreement. In fact they started the discussion as an option when we responded to concurrence on Chem 251 and 252 changes.

The second set of changes are in three of the majors offered through H&CS. Crop Science, Landscape Horticulture and Turfgrass Science are trying to make all three majors consistent with each other and offering a broad foundation in soil science, plant pathology and entomology. Each major will have a maximum of 65 hours which is within CFAES's limits for the major and they are shifting a few courses around within the major. The General Education is not changing at all.

Do you want to see these as full proposals or can I move forward? Thanks.

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The revision of undergraduate majors in the Department of Horticulture and Crop Science was undertaken as a normal process of periodic review and recurring concerns expressed by faculty and students. A key overall concern was the lack of a consistent and sufficiently broad foundation within each of our plant-based majors, Crop Science, Turfgrass Science, and Landscape Horticulture. While the existing majors require a strong background in basic and applied plant science, there are curricular weaknesses and inconsistencies in key supporting areas for each of the majors. Most notably missing are requirements for basic coursework in soil science, plant pathology, and entomology. In the existing curricula, coursework in these three key areas is optional and potential deficiencies in one or more of the areas cannot always be remedied by advising. In the end, it is possible for students whose career paths are centered on plant manipulation - either in production or management - to graduate without coursework in one or more of the key support areas, a situation viewed as unacceptable by our faculty.

We also recognize that a majority of the students choosing the Landscape Horticulture major are interested in the specialty area of garden design. These students also need a solid foundation in plant science, but their primary focus is in the conceptual manipulation of plants to create constructed landscapes. Therefore, students in Landscape Horticulture were given the option to pursue a specialization (Professional Support Group 2) in the aesthetic and cultural qualities of landscape plants and their manipulation to create gardens (design). Other students in Landscape Horticulture whose interest centers on plant production (greenhouse management and floriculture, nursery management) or landscape installation and management will pursue the more detailed study on interaction between plants and other organisms (weeds, pests, diseases).

We feel that the proposed increases in required courses within the major are necessary to ensure that students in Crop Science, Landscape Horticulture (as appropriate), and Turfgrass Science are more broadly educated about plants and their inextricable interactions with soil, insects, and microbes. A working knowledge of these interactions is absolutely essential for the education of our undergraduates and for them to compete successfully in today's job market. In addition, we are acknowledging that an important component of Landscape Horticulture is the creation of constructed landscapes and thus we aim to provide design-oriented students with an appropriate foundation in plant science and major emphasis on various aspects of garden design. We feel that the revised majors in Crop Science, Turfgrass Science, and Landscape Horticulture will strengthen the breadth, depth, and curricular continuity of the majors and better prepare our students for the future.

CROP SCIENCE

New Freshmen and Transfer Students With 44 or Fewer Credit Hours Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____, *or ♦ ____,*

FAES 100 or USAS 100, etc.	1	Social Science	15
English 110.01	5	AED Econ 200 or Econ 200	5
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5
(See approved CFAES GEC list)		Additional Social Science	5
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)	
Math 148	4	History (See approved CFAES GEC list)	5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)	10
<u>Required Natural Science Courses:</u>		Literature	5
Chemistry 101 or 121 or H201		Visual and Performing Arts	5
Chemistry 102 or 122 or H202		Contemporary Issues (See approved CFAES GEC list)	5
Biology 113 or H115		Major (See below)	55-65
Biology 114 or H116		Internship (H&CS 489)	5
<u>Other Approved Natural Science GEC Courses (Choose one course):</u>		Minor	20-25
Biological Science Courses		Students majoring in Crop Science cannot select a minor in Crop Science, Horticulture, Landscape Horticulture, Soil Resources or Turfgrass Management.	
H&CS 200, 300		Free Electives	8-28
Anim Sci 300		TOTAL	183
Anthro 200			
EEOB 232, 235			
Fd Sc&Te 201			
Microbiol 509			
ENR 201			
Plant Bio (was PCMB) 300			
Physical Science Courses			
Astronomy 171, 172			
Chemistry 123, H203			
EarthSci 121, 122, H451			
ENR 300.01 and 300.02 (both courses must be taken)			
Physics 103 or 111 or 131; 104 or 112 or 132; 113 or 133			

Major **65**

(For students using H&CS 200 to also meet the GEC Natural Science course, the minimum number of hours in the major reduces by five.)

Required			
Core Courses			31
Data Analysis	H&CS 260 or AED Econ 205 or AEE (was Agr Educ) 387 or Anim Sci 260 or ENR 222 or Stat 145		5
ENR	300.01	Soil Science	3
H&CS	200	The Science of Growing Plants	5
H&CS	300	General Plant Biology	5
H&CS	310	Control of Crop Development	4
H&CS	320 or 325	Plant Propagation or Crop Genetic Resources	4
H&CS	600	Issues in Horticulture and Crop Science	5
Crop Systems (Select one course or course sequence for 5-6 hours)			5-6
H&CS	411	Grain Crops	3
H&CS	412	Forage Crops	3
H&CS	450	Vegetable Crop Production	5
H&CS	460	Fruit Crop Physiology and Production	5
H&CS	521	Greenhouse Environment Control	5
H&CS	533	Mgt of Commercial Nursery Operations	5
Pests (Select one course)			4-5
ENTOMOL	460	Economic Entomology and Insect Pest Management	5
ENTOMOL	462	Insect Pests of Ornamentals and Turfgrass	4
Plant Diseases (select one course)			3-5
PLNT PTH	401	General Plant Pathology	5
PLNT PTH	501	Diseases of Ornamental Plants	3
PLNT PTH	610	Diseases of Forest and Shade Trees	4
Elective Courses			18-22
Courses marked with an asterisk (*) count if they were not taken under the required course category			
AED Econ	401	Principles of Agribusiness Management	4
AED Econ	460	Human Resources Management in Small Business	3
H&CS	401.01	The Floriculture Industry	1-3
H&CS	411*	Grain Crops	3
H&CS	412*	Forage Crops	3
H&CS	420	Seed Science	4
H&CS	422	Principles of Weed Science	4
H&CS	430	Indoor Gardening	4
H&CS	431	Herbaceous Ornamental Plants	5
H&CS	435	Shade Trees & Narrowleaf Evergreens	6
H&CS	436	Flowing Trees/Shrubs/Vines/Broadleaf Evergreens	6
H&CS	450*	Vegetable Crop Production	5
H&CS	460*	Fruit Crop Physiology and Production	5
H&CS	470	Principles of Turfgrass Selection and Management	4
H&CS	488	Professional Development	1-3
H&CS	521*	Greenhouse Environment Control	5
H&CS	533*	Mgt of Commercial Nursery Operations	5
H&CS	560	Computers in Horticulture Management	4
H&CS	593	Individual Studies	1-5
H&CS	>600	Any H&CS course above H&CS 600	3-5

LANDSCAPE HORTICULTURE

New Freshmen and Transfer Students With 44 or Fewer Credit Hours Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____ , *or ♦ ____ .

FAES 100 or USAS 100, etc.	1	Social Science	15
English 110.01	5	AED Econ 200 or Econ 200	5
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5
(See approved CFAES GEC list)		Additional Social Science	5
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)	
Math 130 or 148	4	History (See approved CFAES GEC list)	5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)	10
<u>Required Natural Science Courses:</u>		Literature	5
Plant Bio (was PCMB) 101 (recommended) or Biology 101 or 113 or H115		Visual/Performing Arts	5
Chemistry 101 or 121 or H201		Contemporary Issues (See approved CFAES GEC list)	5
<u>Second Course in a Sequence (select one):</u>		Major (See below)	65
Plant Bio (was PCMB) 102 or Biology 102 or 114 or H116		Internship (H&CS 489)	5
Chemistry 102 (recommended) or 122 or H202		Minor	20-25
<u>Other Approved Natural Science GEC Courses (select two):</u>		Students majoring in Landscape Horticulture cannot select a minor in Crop Science, Horticulture, Landscape Horticulture or Turfgrass Management.	
Biological Science Courses		Free Electives	8-18
H&CS 200, 300		TOTAL	183
Anim Sci 310			
Anthro 200			
Biology 102 or 114 or H116 (if not taken above)			
EEOB 232, 235			
ENR 201			
Fd Sc&Te 201			
Microbiol 509			
Plant Bio (was PCMB) 102 (if not taken above), 300			
Physical Science Courses			
Astronomy 171, 172			
ENR 300.01 and 300.03 (both courses must be taken)			
Chemistry 102 or 122 or H202; 123 or H203 (if not taken above)			
EarthSci 121, 122, H451			
Physics 103 or 106 or 111 or 131 or 161; 104 or 107 or 112 or 132 or 162; 113 or 133			

Major **65**

For students using H&CS 200 and/or 300 to also serve as a GEC Natural Science course, the minimum number of hours in the major reduces by five to ten hours.

Required Courses

Core (take all three courses)

Data Analysis	H&CS 260 or Anim Sci 260 or AED Econ 205 or AEE (was Agr Educ) 387 or ENR 222 or Stat 145	5	
H&CS	200 The Science of Growing Plants	5	
H&CS	600 Issues in Horticulture and Crop Science	5	
<u>Soils (select one course)</u>			3
ENR	300.01 Soil Science	3	
ENR	540 Urban & Sports Soils	3	
<u>Industry Survey (select one course)</u>			1
H&CS	401.01 The Floriculture Industry	1	
H&CS	401.02 Environmental Horticulture Organizations in Ohio	1	
<u>Biological Features of Plants (select one course)</u>			4-5
H&CS	300 General Plant Biology (or Plnt Bio 300)	5	
H&CS	310 Control of Crop Development	4	
H&CS	320 Plant Propagation: Manipulation of Plant Reproduction	4	
<u>Plant Materials (select at least two courses; follow instructions for "Basics" and "Advanced")</u>			9-11
<u>Basics (select one option)</u>			
H&CS	234.01 & 234.02 Landscape Plants	5	
H&CS	430 Indoor Gardening	4	
<u>Advanced (select one or two courses as needed for 5 or 6 cr hrs)</u>			
H&CS	431 Herbaceous Ornamental Plants for Spring	3	
H&CS	432 Herbaceous Ornamental Plants for Autumn	3	
H&CS	435 Deciduous Shade Trees and Narrowleaf Evergreens	6	
H&CS	436 Deciduous Flowering Trees/Shrubs/vines/Broadleaf Evergreens	6	
H&CS	521 Greenhouse Environment Control	5	

Professional Support: Choose Either Group I or II **12-14**

Group I—Production and Management—Choose one course in each category (13-14)

Weeds (select one course)

H&CS	422 Weed Management	4	
H&CS	610 Weed Control in Horticultural Crops	4	
<u>Pests (select one course)</u>			
ENTOMOL	460 Economic Entomology and Insect Pest Management	5	
ENTOMOL	462 Insect Pests of Ornamentals and Turfgrass	4	

Plant Diseases

PLNT PTH	401 General Plant Pathology	5	
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Group II—Design—Take all three courses (12)

H&CS	204 Design of Gardens and Small Properties I	5	
H&CS	438 Theme Gardens	2	
H&CS	501 Plant Selection and Planning	5	

Elective Courses **16-21**

Courses marked with an asterisk (*) count if they were not taken under the required course category

ENR	631 Arboriculture	5	
H&CS/LARCH	204* Design of Gardens and Small Properties	5	
H&CS	320* Plant Propagation: Manipulation of Plant Reproduction	4	
H&CS	401.01* Floriculture Industry	1-3	
H&CS	401.02* Environmental Horticulture Organizations in Ohio	1-3	
H&CS	430* Indoor Gardening	3	
H&CS	431* Herbaceous Ornamental Plants for Spring	3	
H&CS	432* Herbaceous Ornamental Plants for Autumn	3	
H&CS	435* Deciduous Shade Trees and Narrowleaf Evergreens	6	
H&CS	436* Deciduous Flowering Trees/Shrubs/vines/Broadleaf Evergreens	6	
H&CS	438 Theme Gardens	2	
H&CS	470 Principles of Turfgrass Management	4	
H&CS	488 Professional Development in Hort and Crop Science	1-3	
H&CS	502 Landscape Management	5	
H&CS	521* Greenhouse Crop Production	5	
H&CS	533 Nursery Management	5	
H&CS	560 Computers in Hort Management	4	
H&CS	593 Individual Studies	1-5	
H&CS	610* Weed Control in Horticultural Crops	4	
H&CS	697 Study Abroad	5	

TURFGRASS SCIENCE
New Freshmen and Transfer Students With 44 or Fewer Credit Hours
Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check when completed: * ____, *or ♦ ____.

FAES 100 or USAS 100, etc.	1	Social Science	15
English 110.01	5	AED Econ 200 or Econ 200	5
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5
(See approved CFAES GEC list)		Additional Social Science	5
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)	
Math 130 or 148	4	History (See approved CFAES GEC list)	5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)	10
Biology 101 or 113 or H115 or Plnt Bio (was PCMB) 101		Literature	5
Chemistry 101 or 121 or H201		Visual and Performing Arts	5
<u>Second Course in a Sequence (select one):</u>		Contemporary Issues (See approved CFAES GEC list)	5
Biology 102 or 114 or H116		Internship (H&CS 489)	5
Chemistry 102 or 122 or H202		Major (See below)	55-65
<u>Other Approved Natural Science GEC Courses (select two):</u>		Minor	20-25
Biological Science Courses		Students majoring in Turfgrass Science cannot select a minor in Crop Science, Horticulture, Landscape Horticulture, Soil Resources or Turfgrass Management. Most students currently majoring in Turfgrass Management elect a minor in Plant Pathology or Agricultural Business.	
H&CS 200, 300		Free Electives	8-28
Anim Sci 310		TOTAL	183
Anthro 200			
Biology 102, 114, H116			
EEOB 232, 235			
ENR 201			
Fd Sc&Te 201			
Microbiol 509			
Plnt Bio (was PCMB) 300			
Physical Science Courses			
Astronomy 171, 172			
Chemistry 102 or 122 or H202 (if not taken above); 123 or H203			
ENR 300.01 and 300.02 (both courses must be taken)			
Physics 103 or 111 or 131; 104 or 112 or 132; 113 or 133			

Major **65**
(For students using H&CS 200 and/or ENR 300.01 and 300.02 to also meet the GEC Natural Science course, the minimum number of hours in the major reduces by five to ten hours.)
39-40

Requirements			35
Core			
H&CS 200	The Science of Growing Plants	5	
Data Analysis H&CS 260 or ENR 300.01	AED Econ 205 or AEE (was Agr Educ) 387 Anim Sci 260 or ENR 222 or Stat 145	5	
ENR 300.01	Soil Science	3	
H&CS 422	Principles of Weed Science	4	
H&CS 470	Principles of Turfgrass Selection and Management	4	
H&CS 570	Turfgrass Management and Science	4	
H&CS 600	Issues in Horticulture and Crop Science	5	
PLNT PTH 401	General Plant Pathology	5	
<i>Select one course dealing with pests</i>			4-5
ENTOMOL 460	Economic Entomology and Insect Pest Management	5	
ENTOMOL 462	Insect Pests of Ornamentals and Turfgrass	4	

Elective Courses **25-26**
 A minimum of 9 hours must be taken from Support Group I with the remaining 16-17 hours required for the major taken from either Support Group I or II.

Support Group I: (minimum of nine hours)		
H&CS 234	Landscape Plants	5
H&CS 270	Historical Perspectives on Golf Course	3
H&CS 300	General Plant Biology	5
H&CS 310	Control of Crop Development	4
H&CS 370	Sports Turf Management	3
H&CS 488	Professional Development in Hort and Crop Science	1-3
H&CS 560	Computers in Horticulture Management	4
H&CS 593	Individual Studies	1-5
H&CS 598	Turfgrass Seminar	1
H&CS 670	Golf Courses and Their Environments	3
Supporting Courses II:		
AED ECON 401	Principles of Agribusiness Management	4
AED ECON 460	Human Resource Management in Small Business	3
AGSYSMGT 232	Small Air-Cooled Engines	4
AGSYSMGT 240	Fabrication of Metal	4
ENR 300.02	Soil Science Laboratory	2
ENR 540	Urban and Sports Turf Soils	3
ENR 580.01	Soil Fertility and Fertilizers	3
PLNT PTH 612	Turfgrass Diseases	3
PLNT PTH 613	Integrated Management of Turfgrass Insects, Diseases & Weeds	4

CROP SCIENCE
New Freshmen and Transfer Students With 44 or Fewer Credit Hours
Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____, *or ♦ ____.*

FAES 100 or USAS 100, etc.	1	Social Science	15
English 110.01	5	AED Econ 200 or Econ 200	5
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5
(See approved CFAES GEC list)		Additional Social Science	5
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)	
Math 148	4	History (See approved CFAES GEC list)	5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)	10
<u>Required Natural Science Courses:</u>		Literature	5
Chemistry 101 or 121 or H201		Visual and Performing Arts	5
Chemistry 102 or 122 or H202		Contemporary Issues (See approved CFAES GEC list)	5
Biology 113 or H115		Major (See below)	55-65
Biology 114 or H116		Internship (H&CS 489)	5
<u>Other Approved Natural Science GEC Courses (Choose one course):</u>		Minor	20-25
<u>Biological Science Courses</u>		Students majoring in Crop Science <u>cannot</u> select a minor in Crop Science, Horticulture, Landscape Horticulture, Soil Resources or Turfgrass Management.	
H&CS 200, 300		Free Electives	8-28
Anim Sci 300		TOTAL	183
Anthro 200			
EEOB 232, 235			
Fd Sc&Te 201			
Microbiol 509			
ENR 201			
PCMB 300			
<u>Physical Science Courses</u>			
Astronomy 171, 172			
Chemistry 123, H203			
EarthSci 121, 122, H451			
ENR 300.01 and 300.02 (both courses must be taken)			
Physics 103, 104, 111, 112, 113, 131, 132, 133			

Major Required 55-65

(For students using H&CS 200 to also meet the GEC Natural Science course, the minimum number of hours in the major reduces by five.)

H&CS 200	The Science of Growing Plants	5
H&CS 260*	Data Analysis and Interpretation for Decision Making	5
<small>* Data Analysis can also be met by: Anim Sci 260 or H&CS 260 or AED Econ 205 or AEE (was Agr Educ) 387 or ENR 222 or Stat 145</small>		
H&CS 300	General Plant Biology	5
H&CS 310	Control of Crop Development	4
H&CS 325	Crop Genetic Resources	4
H&CS 600	Issues in Horticulture and Crop Science	5

Electives in Crop Science (27-37 hours)

Select a minimum of 16 hours in H&CS course work from Agronomy, Vegetable/Fruit Crop and Greenhouse/Nursery Crops listed below. Remaining electives for the major may be taken in H&CS at the 400-level or above and/or from the Supporting Courses category.

Agronomy				Supporting Courses			
H&CS 411	Grain Crops	3	AGSYSMGT 320	Facilities for Agr. and Greenhouse Prod.	5		
H&CS 412	Forage Crops	3	AGSYSMGT 370	Principles of Hydrology	3		
H&CS 414	Crop Science Laboratory	2	ENR 300.01	Soil Science	3		
H&CS 420	Seed Science	4	ENR 300.02	Soil Science Lab	2		
H&CS 422	Principles of Weed Science	4	ENR 580.01	Soil Fert. & Fertilizers	3		
H&CS 510	Crop Production in Dev. Countries	5	ENTOMOL 460.01	Economic Entomology	3		
Vegetable/Fruit Crops				ENTOMOL 460.02 or 460.03, or 462 Econ. Entom. Labs	2		
H&CS 450	Vegetable Crop Production	5	MOL GEN 500	General Genetics	5		
H&CS 460	Fruit Crop Physiology and Production	5	MICROBIOL 509	Basic & Prac. Microbiology	5		
H&CS 420	Seed Science	4	PCMB 436	Intro to Plant Physiology	5		
H&CS 422	Principles of Weed Science	4	PLNT PATH 401	General Plant Pathology	5		
H&CS 521	Greenhouse Environment Control	5	PLNT PATH 501	Diseases of Ornamental Plants	3		
H&CS 560	Computers in Horticulture Management	4					
H&CS 605	Adv. Vegetable Crops Production	5					
Greenhouse/Nursery Crops							
H&CS 401.01, .02	Industries and Organizations	1-6					
H&CS 430	Indoor Plants	3					
H&CS 431	Herbaceous Ornamental Plants	5					
H&CS 435	Shade Trees & Narrowleaf Evergreens	6					
H&CS 436	Flowing Trees/Shrubs/Vines/Broadleaf Everg.	6					
H&CS 521	Greenhouse Environment Control	5					
H&CS 522	Commercial Production of Floriculture Crops	5					
H&CS 533	Mgt of Commercial Nursery Operations	5					
H&CS 560	Computers in Horticulture Management	4					
H&CS 609	Posthvst. Princ/Pract.	4					

GENERAL COLLEGE REQUIREMENTS

- A minimum of 183 total credit hours. (English 040, 050, 051, 052, 053, 060, 100.01, 100.02, 106, 107, 108, 109.01, and 109.02; Educ T & L 104, 105, 106, 107, 108; Mathematics 040, 050, 075, 076, 100, 102, 103, and 104; Speech and Hearing Science 035 and 040; do not count toward the 183-hour minimum requirement for the BS.)
- **ALL STUDENTS MUST COMPLETE TWO INTERNATIONAL ISSUES COURSES**, one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course (*) or a western (non-US) course designated with a diamond (♦).
- Students are encouraged to participate in a study abroad. Application of credits toward the degree are approved by the Assistant Dean, Academic Affairs.
- A minimum of 55-65 hours in the major with at least 20 hours taken from the department offering the major at OSU in the baccalaureate program.
- Courses in the major may **not** be taken pass/non-pass.
- Course work may include a maximum of six hours of physical activity courses (all 100-level courses except for 102, 103, 122, 137, and 138), and a maximum of 6 credit hours of campus music organizations.
- A minimum of 45 quarter hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last quarter in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all course work completed at The Ohio State University as well as at least a 2.00 in the **major** and **minor**.
- A college maximum of ten hours of individual studies courses (x93) can be applied toward graduation although some majors may have a lower maximum.
- An internship of 3-5 hours is required. Any hours above five hours must count against the major. A college maximum of ten hours of internship credit can be applied toward graduation although some majors may have a lower maximum.
- A maximum of ten credit hours may overlap between **major** courses and the GEC (second writing, natural sciences, history, arts and literature and social sciences).
- A maximum of five credit hours may overlap between the **minor** and the GEC (second writing, natural sciences, history, arts and literature, social sciences, and contemporary issues).
- An application for degree must be filed in the College Office at least two quarters prior to the granting of the degree.
 - Autumn Quarter Graduation – 3rd week of Wi Qtr.
 - Winter Quarter Graduation – 3rd week of Sp Qtr.
 - Spring Quarter Graduation – 3rd week of Au Qtr.
 - Summer Quarter Graduation – 3rd week of Wi Qtr.

GENERAL EDUCATION CURRICULUM REQUIREMENTS

Second Writing (Select one - 5 hours)

Select one course from the following list. Courses allowed to double count toward another GEC category are noted with a †.

- African-American and African Studies 367.02†, 367.03†, 367.04†
- Agricultural Communication 367
- Arabic 367
- Art Education 367.01†, 367.02, 367.03
- Communication (was J Comm) 367
- Comparative Studies 367.01, 367.02, 367.03, 367.04
- Dance H367.01
- Economics 367.01†, 367.02†
- Engineering 367
- English 367.01, 367.02†, 367.03†, 367.04, 367.05, 367.06, 367.07
- ENR 367
- German 367
- Human Development and Family Science 367
- Landscape Architecture 367
- Linguistics 367
- Modern Greek 367
- Nursing 367
- Philosophy 367
- Physics 367†
- Political Science 367.01†
- Psychology 367.01†, 367.02†
- Slavic Languages and Literatures 367
- Sociology H367.01†, 367.02†, H367.03†
- Spanish 367
- Theatre 367.01, 367.02†, 367.03
- Women's Studies 367.01†, 367.02†, 367.03†, 367.04†

Yiddish 367

Social Science (Select one - 5 hours)

- AED Econ 280*
- African-American and African Studies 201 (101), 218
- Animal Sciences 240
- Anthropology 201*, 202*, 421.08
- Communication (was J Comm) 101, 200, 431
- Economics 110.01, 110.02, 110.03, 201, 348, 367.01†, 367.02†
- ENR 400
- Family Resource Management 243, 340
- Geography 200*, 240*, H294 (Sp Qtr 2003)*, H410, 430, 450*, 460, 643*
- History 366.01*
- Human Development and Family Science 360, 361, 364
- International Studies 201*, 210*, 215*, 230*, 231*, 235*, 240*, 245*, 250*, 280*, 356*
- Linguistics 170*, 270 (202), 371, 372 (361), 375* (365)
- Political Science 100*, 101, 145*, 165, 201, 210, 245*, 367.01†
- Psychology 100, 367.01†, 367.02†, 371
- Rural Sociology 378*
- Social Work 230
- Sociology 210, 345, H367.01†, 367.02†, H367.03†, 370, 380, 463, 466
- Speech & Hearing Science 330, 350
- Textiles and Clothing 372
- Women's Studies 110 (210)

Historical Survey (Select one - 5 hours)

- African-American and African Studies 121*
- Economics 515*
- History 111♦, 121*, 131* (withdrawn), 141*, 151, 171*, 181*
- Philosophy H111♦

Select two courses from the following lists, one course from the literature section and one course from the visual/performing arts section.

Arts and Literature (10 hours)1. Literature (Select one - 5 hours)

- African-American and African Studies 154, 251*, 254, 271, 345, 367.02 †, 367.03 †, 367.04 †, 551
- Arabic 371*, 372*
- Chinese 251*, 501*, 502*, 503*, 504*
- Classics 101♦, 102♦, 222♦
- Comparative Studies 100*, 201♦, 202.01*, 202.02*, 203♦, 204♦, 205, H240♦, 273♦, 294* (WI Qtr 2004), 301*, 306*, 308*, 314*
- English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281, 290, 291, 367.02 †, 367.03 †
- French 150♦, 151♦, 152*, 250
- German 250, 260.01♦, 260.02♦, 260.03♦, H263♦, 291♦, 292♦, 399♦
- Hebrew 370*, 372*, 373*, 374*, 378*
- Italian 151♦, 152♦, 251
- Japanese 251*, 252*
- Korean 251*
- Modern Greek 371♦
- NELC 271*, 371*, 372*, 374*
- Persian 370* 371*
- Philosophy 215*, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
- Russian 250*, 251
- Scandinavian 222♦
- Slavic Languages and Literature 245♦
- Spanish 320♦, 321♦ 520*
- Theatre 367.02 †
- Turkish 371*, 372*
- Women's Studies 215, 367.01 †, 367.02†, 367.03†, 367.04 †, 372*
- Yiddish 371♦, 399♦

2. Visual/Performing Arts (Select one - 5 hours)

- Architecture 271¹
- Art 205 (170), 206 (172), 300.01, 300.02 (300), 340 (240), H455
- Art Education 160, 252, 367.01†
- Comparative Studies 358♦
- Dance 161, 200
- East Asian Lang and Lit 346
- English 263, 269
- Film Studies 270
- History of Art 201♦ and 202♦ (210♦, 211♦, 212♦), 213*, 216*, 260*, 300♦ (was 250), 301, 305, 315♦ (was 515), 316, 330 (was 530), 340, 345, 350, 360, 505*, 519♦, 520♦, 525♦, 576*, 582*
- Italian 221♦
- Korean 505
- Landscape Architecture 201
- Medieval & Renaissance Studies 219♦
- Modern Greek 268♦
- Music 250* (140), 251♦ (141), 252 (142), 253 (150), 288, 341, 345.01, 347♦¹, 348*, 349¹

- Philosophy 240, H242
- Physics H455
- Russian 360*
- Scandinavian 520♦
- Spanish 322♦, 330*, 380*
- Theatre 100, H101, 161, H230, 271, 280¹
- Women's Studies 230, 317

¹Note that this is a three credit course and by itself does not meet the minimum credit hour requirement for the Visual and Performing Arts.

Contemporary Issues (Select one - 5 hours)

- AED Econ 597.01
- Animal Sciences 597²
- Anthropology 597.01², 597.02², H597.03², 597.04²
- Biology 597
- City and Regional Planning 597
- Classics 597²
- Comparative Studies 597.01², 597.02²
- Communications 597.01
- English 597²
- ENR 597.02
- Evolution, Ecology & Org Bio 597.02
- Food Science & Technology 597.01, 597.02
- Geodetic Science 597
- Geography 597.01², 597.02²
- History 597²
- Hort & Crop Science 597²
- Human Development and Family Science 597.01, 597.02
- International Studies 597.01, 597.02
- Landscape Architecture 597²
- Linguistics 597.01², 597.02²
- Plant Pathology 597²
- Political Science 597.01², 597.02²
- Psychology 597.01, 597.02, 597.03
- Social Work 597
- Sociology 597.01², 597.02²
- Theatre 597

² This course is open to juniors

LANDSCAPE HORTICULTURE

New Freshmen and Transfer Students With 44 or Fewer Credit Hours Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____, *or ♦ ____.*

FAES 100 or USAS 100, etc.	1	Social Science		15
English 110.01	5	AED Econ 200 or Econ 200	5	
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5	
(See approved CFAES GEC list)		Additional Social Science	5	
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)		
Math 130 or 148	4	History (See approved CFAES GEC list)		5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)		10
<u>Required Natural Science Courses:</u>		Literature	5	
PCMB 101 (recommended) or Biology 101 or 113 or H115		Visual/Performing Arts	5	
Chemistry 101 or 121 or H201		Contemporary Issues (See approved CFAES GEC list)		5
<u>Second Course in a Sequence (select one):</u>		Major (See below)		65
PCMB 102 or Biology 102 or 114 or H116		Internship (H&CS 489)		5
Chemistry 102 (recommended) or 122 or H202		Minor		20-25
<u>Other Approved Natural Science GEC Courses (select two):</u>		Students majoring in Landscape Horticulture cannot select a minor in Crop Science, Horticulture, Landscape Horticulture or Turfgrass Management.		
<u>Biological Science Courses</u>		Free Electives		8-18
H&CS 200, 300		TOTAL		183
Anim Sci 310				
Anthro 200				
Biology 102, 114, H116				
EEOB 232, 235				
ENR 201				
Fd Sc&Te 201				
Microbiol 509				
PCMB 102, 300				
<u>Physical Science Courses</u>				
Astronomy 171, 172				
ENR 300.01 and 300.03 (both courses must be taken)				
Chemistry 102, 121, 122, 123, H201, H202, H203				
EarthSci 121, 122, H451				
Physics 103, 104, 106, 111, 112, 113, 131, 132, 133, 161, 162				

Major

65

Required Courses

(For students using H&CS 200 and/or 300 to also serve as a GEC Natural Science course, the minimum number of hours in the major reduces by five to ten hours.)

Data Analysis	H&CS 260 or Anim Sci 260 or AED Econ 205 or AEE (was Agr Educ) 387 or ENR 222 or Stat 145	5
ENR 300.01 or 540	Soil Science or Urban & Sports Soils	3
H&CS 200	The Science of Growing Plants	5
H&CS 300	General Plant Biology	5
H&CS 401.02 ¹	Environmental Horticulture Organizations in Ohio	1
H&CS 600	Issues in Horticulture and Crop Science	5
Select two courses		
H&CS 431	Herbaceous Ornamental Plants	5
H&CS 435	Deciduous Shade Trees and Narrowleaf Evergreens	6
H&CS 436	Deciduous Flowering Trees/Shrubs/Vines/Broadleaf Evergreens	6
Elective Courses - Select 29-30 hours from the following list		
H&CS/LARCH 204	Design of Gardens and Small Properties	5
H&CS 270	Historical Perspectives on Golf Course Design and Management	3
H&CS 320	Plant Propagation	4
H&CS 401.01	Floriculture Industry	1
H&CS 401.02	Environmental Horticulture Organizations in Ohio	1-2
H&CS 422	Weed Management	4
H&CS 430	Indoor Plants	3
H&CS 431 ²	Herbaceous Ornamental Plants	5
H&CS 435 ²	Deciduous Shade Trees and Narrowleaf Evergreens	6
H&CS 436 ²	Deciduous Flowering Trees/Shrubs/vines/Broadleaf Evergreens	6
H&CS 438	Theme Gardens	2
H&CS 470	Principles of Turfgrass Management	4
H&CS 488	Professional Development in Hort and Crop Science	1-3
H&CS 501	Plant Selection and Planning	5
H&CS 502	Landscape Management	5
H&CS 521	Greenhouse Environment Control	5
H&CS 533	Nursery Management	5
H&CS 560	Computers in Hort Management	4
H&CS 593	Individual Studies	1-5
H&CS 697	Study Abroad	1-15
ENTOMOL 462	Economic Entom for Turfgrass Ornamental and Greenhouse	4
PLNT PTH 401 or 501 or 510	Gen Plant Path or Diseases of Ornamentals or Diseases of Forest & Shade Tree	3-5

¹ Course can be repeated two more times for the electives category

² Can be chosen as elective only if not taken under the required category above

GENERAL COLLEGE REQUIREMENTS

- A minimum of 183 total credit hours. (English 040, 050, 051, 052, 053, 060, 100.01, 100.02, 106, 107, 108, 109.01, and 109.02; Educ T & L 104, 105, 106, 107, 108; Mathematics 040, 050, 075, 076, 100, 102, 103, and 104; Speech and Hearing Science 035 and 040; do not count toward the 183-hour minimum requirement for the BS.)
- **ALL STUDENTS MUST COMPLETE TWO INTERNATIONAL ISSUES COURSES**, one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course (*) or a western (non-US) course designated with a diamond (♦).
- Students are encouraged to participate in a study abroad. Application of credits toward the degree are approved by the Assistant Dean, Academic Affairs.
- A minimum of 55-65 hours in the major with at least 20 hours taken from the department offering the major at OSU in the baccalaureate program.
- Courses in the major may **not** be taken pass/non-pass.
- Course work may include a maximum of six hours of physical activity courses (all 100-level courses except for 102, 103, 122, 137, and 138), and a maximum of 6 credit hours of campus music organizations.
- A minimum of 45 quarter hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last quarter in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all course work completed at The Ohio State University as well as at least a 2.00 in the major and minor.
- A college maximum of ten hours of individual studies courses (x93) can be applied toward graduation although some majors may have a lower maximum.
- An internship of 3-5 hours is required. Any hours above five hours must count against the major. A college maximum of ten hours of internship credit can be applied toward graduation although some majors may have a lower maximum.
- A maximum of ten credit hours may overlap between **major** courses and the GEC (second writing, natural sciences, history, arts and literature and social sciences).
- A maximum of five credit hours may overlap between the **minor** and the GEC (second writing, natural sciences, history, arts and literature, social sciences, and contemporary issues).
- An application for degree must be filed in the College Office at least two quarters prior to the granting of the degree.
 - Autumn Quarter Graduation – 3rd week of Wi Qtr.
 - Winter Quarter Graduation – 3rd week of Sp Qtr.
 - Spring Quarter Graduation – 3rd week of Au Qtr.
 - Summer Quarter Graduation – 3rd week of Wi Qtr.

GENERAL EDUCATION CURRICULUM REQUIREMENTSSecond Writing (Select one - 5 hours)

Select one course from the following list. Courses allowed to double count toward another GEC category are noted with a †.

- African-American and African Studies 367.02†, 367.03†, 367.04†
- Agricultural Communication 367
- Arabic 367
- Art Education 367.01†, 367.02, 367.03
- Communication (was J Comm) 367
- Comparative Studies 367.01, 367.02, 367.03, 367.04
- Dance H367.01
- Economics 367.01†, 367.02†
- Engineering 367
- English 367.01, 367.02†, 367.03†, 367.04, 367.05, 367.06, 367.07
- ENR 367
- German 367
- Human Development and Family Science 367
- Landscape Architecture 367
- Linguistics 367
- Modern Greek 367
- Nursing 367
- Philosophy 367
- Physics 367†
- Political Science 367.01†
- Psychology 367.01†, 367.02†
- Slavic Languages and Literatures 367
- Sociology H367.01†, 367.02†, H367.03†
- Spanish 367
- Theatre 367.01, 367.02†, 367.03
- Women's Studies 367.01†, 367.02†, 367.03†, 367.04†

Yiddish 367

Social Science (Select one - 5 hours)

- AED Econ 280*
- African-American and African Studies 201 (101), 218
- Animal Sciences 240
- Anthropology 201*, 202*, 421.08
- Communication (was J Comm) 101, 200, 431
- Economics 110.01, 110.02, 110.03, 201, 348, 367.01†, 367.02†
- ENR 400
- Family Resource Management 243, 340
- Geography 200*, 240*, H294 (Sp Qtr 2003)*, H410, 430, 450*, 460, 643*
- History 366.01*
- Human Development and Family Science 360, 361, 364
- International Studies 201*, 210♦, 215*, 230*, 231*, 235*, 240*, 245*, 250*, 280*, 356*
- Linguistics 170*, 270 (202), 371, 372 (361), 375* (365)
- Political Science 100*, 101, 145*, 165, 201, 210, 245*, 367.01†
- Psychology 100, 367.01†, 367.02†, 371
- Rural Sociology 378*
- Social Work 230
- Sociology 210, 345, H367.01†, 367.02†, H367.03†, 370, 380, 463, 466
- Speech & Hearing Science 330, 350
- Textiles and Clothing 372
- Women's Studies 110 (210)

Historical Survey (Select one - 5 hours)

- African-American and African Studies 121*
- Economics 515*
- History 111♦, 121*, 131* (withdrawn), 141*, 151, 171*, 181*
- Philosophy H111♦

Select two courses from the following lists, one course from the literature section and one course from the visual/performing arts section.

Arts and Literature (10 hours)1. Literature (Select one - 5 hours)

- African-American and African Studies 154, 251*, 254, 271, 345, 367.02 †, 367.03 †, 367.04 †, 551
- Arabic 371*, 372*
- Chinese 251*, 501*, 502*, 503*, 504*
- Classics 101♦, 102♦, 222♦
- Comparative Studies 100*, 201♦, 202.01*, 202.02*, 203♦, 204♦, 205, H240♦, 273♦, 294* (WI Qtr 2004), 301*, 306*, 308*, 314*
- English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281, 290, 291, 367.02 †, 367.03 †
- French 150♦, 151♦, 152*, 250
- German 250, 260.01♦, 260.02♦, 260.03♦, H263♦, 291♦, 292♦, 399♦
- Hebrew 370*, 372*, 373*, 374*, 378*
- Italian 151♦, 152♦, 251
- Japanese 251*, 252*
- Korean 251*
- Modern Greek 371♦
- NELC 271*, 371*, 372*, 374*
- Persian 370* 371*
- Philosophy 215*, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
- Russian 250*, 251
- Scandinavian 222♦
- Slavic Languages and Literature 245♦
- Spanish 320♦, 321♦ 520*
- Theatre 367.02 †
- Turkish 371*, 372*
- Women's Studies 215, 367.01 †, 367.02†, 367.03†, 367.04 †, 372*
- Yiddish 371♦, 399♦
2. Visual/Performing Arts (Select one - 5 hours)
- Architecture 271¹
- Art 205 (170), 206 (172), 300.01, 300.02 (300), 340 (240), H455
- Art Education 160, 252, 367.01†
- Comparative Studies 358♦
- Dance 161, 200
- East Asian Lang and Lit 346
- English 263, 269
- Film Studies 270
- History of Art 201♦ and 202♦ (210♦, 211♦, 212♦), 213*, 216*, 260*, 300♦ (was 250), 301, 305, 315♦ (was 515), 316, 330 (was 530), 340, 345, 350, 360, 505*, 519♦, 520♦, 525♦, 576*, 582*
- Italian 221♦
- Korean 505
- Landscape Architecture 201
- Medieval & Renaissance Studies 219♦
- Modern Greek 268♦
- Music 250* (140), 251♦ (141), 252 (142), 253 (150), 288, 341, 345.01, 347♦¹, 348*, 349¹

- Philosophy 240, H242
- Physics H455
- Russian 360*
- Scandinavian 520♦
- Spanish 322♦, 330*, 380*
- Theatre 100, H101, 161, H230, 271, 280¹
- Women's Studies 230, 317

¹Note that this is a three credit course and by itself does not meet the minimum credit hour requirement for the Visual and Performing Arts.

Contemporary Issues (Select one - 5 hours)

- AED Econ 597.01
- Animal Sciences 597²
- Anthropology 597.01², 597.02², H597.03², 597.04²
- Biology 597
- City and Regional Planning 597
- Classics 597²
- Comparative Studies 597.01², 597.02²
- Communications 597.01
- English 597²
- ENR 597.02
- Evolution, Ecology & Org Bio 597.02
- Food Science & Technology 597.01, 597.02
- Geodetic Science 597
- Geography 597.01², 597.02²
- History 597²
- Hort & Crop Science 597²
- Human Development and Family Science 597.01, 597.02
- International Studies 597.01, 597.02
- Landscape Architecture 597²
- Linguistics 597.01², 597.02²
- Plant Pathology 597²
- Political Science 597.01², 597.02²
- Psychology 597.01, 597.02, 597.03
- Social Work 597
- Sociology 597.01², 597.02²
- Theatre 597

² This course is open to juniors

TURFGRASS SCIENCE
New Freshmen and Transfer Students With 44 or Fewer Credit Hours
Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check when completed: * ____, *or ♦ ____,.

FAES 100 or USAS 100, etc.	1	Social Science	15
English 110.01	5	AED Econ 200 or Econ 200	5
Second Writing Course	0-5	Rural Soc 105 or Soc 101	5
(See approved CFAES GEC list)		Additional Social Science	5
Agr Comm 390 or Comm 321	5	(See approved CFAES GEC list)	
Math 130 or 148	4	History (See approved CFAES GEC list)	5
Natural Sciences	25	Arts and Literature (See approved CFAES GEC list)	10
Biology 101 or 113 or H115 or PCMB 101		Literature	5
Chemistry 101 or 121 or H201		Visual and Performing Arts	5
<u>Second Course in a Sequence (select one):</u>		Contemporary Issues (See approved CFAES GEC list)	5
Biology 102 or 114 or H116		Internship (H&CS 489)	5
Chemistry 102 or 122 or H202		Major (See below)	55-65
<u>Other Approved Natural Science GEC Courses (select two):</u>		Minor	20-25
Biological Science Courses		Students majoring in Turfgrass Science cannot select a	
H&CS 200, 300		minor in Crop Science, Horticulture, Landscape	
Anim Sci 310		Horticulture, Soil Resources or Turfgrass Management.	
Anthropology 200		Most students currently majoring in Turfgrass Management	
Biology 102, 114, H116		elect a minor in Plant Pathology or Agricultural Business.	
EEOB 232, 235		Free Electives	8-28
ENR 201		TOTAL	183
Fd Sc&Te 201			
Microbiol 509			
PCMB 300			
Physical Science Courses			
Astronomy 171, 172			
Chemistry 102, 121, 122, 123, H201, H202, H203			
ENR 300.01 and 300.02 (both courses must be taken)			
Physics 103, 104, 111, 112, 113, 131, 132, 133			

Major Requirements		55-65
H&CS 200	The Science of Growing Plants	5
Data Analysis	Anim Sci 260 or AED Econ 205 or AEE (was Agr Educ) 387 or H&CS 260 or ENR 222 or Stat 145	5
ENR 300.01	Soil Science	3
H&CS 422	Weed Science	4
H&CS 470	Principles of Turfgrass Selection and Management	4
H&CS 570	Turfgrass Management and Science	4
H&CS 598	Turfgrass Seminar	1
H&CS 600	Issues in Horticulture & Crop Science	5

Supporting Courses
A minimum of 14 hours must be taken from Support Group I with the remaining 24-34 hours required for the major taken from either Support Group I or II.

Support Group I:		
AGSYSMGT 232	Small Air-Cooled Engines	4
AGSYSMGT 240	Fabrication of Metal in Agr-business	4
AED ECON 401	Principles of Agribusiness Management	4
AED ECON 460	Human Resource Management in Small Business	3
BUS-MHR 400	Foundations of Mgt and Human Resources	4
ENR 300.02	Soil Science Laboratory	2
ENR 540	Urban and Sports Turf Soils	3
ENR 580.01	Soil Fertility and Fertilizers	3
ENTOMOL 462	Insect Pests of Ornamentals and Turfgrass	4
GEOG 520	Climatology	5
H&CS 270	Historical Perspectives on Golf Course	3
H&CS 310	Control of Crop Development	4
H&CS 370	Sports Turf Management	3
PLNT PATH 401	General Plant Pathology	5
PLNT PATH 612	Turfgrass Diseases	3
PLNT PATH 613	Integrated Management of Turfgrass Insects, Diseases & Weeds	4
Supporting Courses II:		
H&CS 234	Landscape Plants	5
H&CS 412	Forage Crops	3
H&CS 420	Seed Science	4
H&CS 431	Herbaceous Ornamental Plants	5
H&CS 435	Deciduous Shade Trees and Narrowleaf Evergreens	6
H&CS 488	Professional Development in Hort and Crop Science	1-3
H&CS 560	Computers in Horticulture Management	4
H&CS 593	Individual Studies	1-5
PCMB 436	Plant Physiology	5
MOL GEN 500	General Genetics	5

GENERAL COLLEGE REQUIREMENTS

- A minimum of 183 total credit hours. (English 040, 050, 051, 052, 053, 060, 100.01, 100.02, 106, 107, 108, 109.01, and 109.02; Educ T & L 104, 105, 106, 107, 108; Mathematics 040, 050, 075, 076, 100, 102, 103, and 104; Speech and Hearing Science 035 and 040; do not count toward the 183-hour minimum requirement for the BS.)
- **ALL STUDENTS MUST COMPLETE TWO INTERNATIONAL ISSUES COURSES**, one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course (*) or a western (non-US) course designated with a diamond (♦).
- Students are encouraged to participate in a study abroad. Application of credits toward the degree are approved by the Assistant Dean, Academic Affairs.
- A minimum of 55-65 hours in the major with at least 20 hours taken from the department offering the major at OSU in the baccalaureate program.
- Courses in the major may **not** be taken pass/non-pass.
- Course work may include a maximum of six hours of physical activity courses (all 100-level courses except for 102, 103, 122, 137, and 138), and a maximum of 6 credit hours of campus music organizations.
- A minimum of 45 quarter hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last quarter in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all course work completed at The Ohio State University as well as at least a 2.00 in the major and minor.
- A college maximum of ten hours of individual studies courses (x93) can be applied toward graduation although some majors may have a lower maximum.
- An internship of 3-5 hours is required. Any hours above five hours must count against the major. A college maximum of ten hours of internship credit can be applied toward graduation although some majors may have a lower maximum.
- A maximum of ten credit hours may overlap between **major** courses and the GEC (second writing, natural sciences, history, arts and literature and social sciences).
- A maximum of five credit hours may overlap between the **minor** and the GEC (second writing, natural sciences, history, arts and literature, social sciences, and contemporary issues).
- An application for degree must be filed in the College Office at least two quarters prior to the granting of the degree.
 - Autumn Quarter Graduation – 3rd week of Wi Qtr.
 - Winter Quarter Graduation – 3rd week of Sp Qtr.
 - Spring Quarter Graduation – 3rd week of Au Qtr.
 - Summer Quarter Graduation – 3rd week of Wi Qtr.

GENERAL EDUCATION CURRICULUM REQUIREMENTSSecond Writing (Select one - 5 hours)

Select one course from the following list. Courses allowed to double count toward another GEC category are noted with a †.

- African-American and African Studies 367.02†, 367.03†, 367.04†
- Agricultural Communication 367
- Arabic 367
- Art Education 367.01†, 367.02, 367.03
- Communication (was J Comm) 367
- Comparative Studies 367.01, 367.02, 367.03, 367.04
- Dance H367.01
- Economics 367.01†, 367.02†
- Engineering 367
- English 367.01, 367.02†, 367.03†, 367.04, 367.05, 367.06, 367.07
- ENR 367
- German 367
- Human Development and Family Science 367
- Landscape Architecture 367
- Linguistics 367
- Modern Greek 367
- Nursing 367
- Philosophy 367
- Physics 367†
- Political Science 367.01†
- Psychology 367.01†, 367.02†
- Slavic Languages and Literatures 367
- Sociology H367.01†, 367.02†, H367.03†
- Spanish 367
- Theatre 367.01, 367.02†, 367.03
- Women's Studies 367.01†, 367.02†, 367.03†, 367.04†

Yiddish 367

Social Science (Select one - 5 hours)

- AED Econ 280*
- African-American and African Studies 201 (101), 218
- Animal Sciences 240
- Anthropology 201*, 202*, 421.08
- Communication (was J Comm) 101, 200, 431
- Economics 110.01, 110.02, 110.03, 201, 348, 367.01†, 367.02†
- ENR 400
- Family Resource Management 243, 340
- Geography 200*, 240*, H294 (Sp Qtr 2003)*, H410, 430, 450*, 460, 643*
- History 366.01*
- Human Development and Family Science 360, 361, 364
- International Studies 201*, 210♦, 215*, 230*, 231*, 235*, 240*, 245*, 250*, 280*, 356*
- Linguistics 170*, 270 (202), 371, 372 (361), 375* (365)
- Political Science 100*, 101, 145*, 165, 201, 210, 245*, 367.01†
- Psychology 100, 367.01†, 367.02†, 371
- Rural Sociology 378*
- Social Work 230
- Sociology 210, 345, H367.01†, 367.02†, H367.03†, 370, 380, 463, 466
- Speech & Hearing Science 330, 350
- Textiles and Clothing 372
- Women's Studies 110 (210)

Historical Survey (Select one - 5 hours)

- African-American and African Studies 121*
- Economics 515*
- History 111♦, 121*, 131* (withdrawn), 141*, 151, 171*, 181*
- Philosophy H111♦

Select two courses from the following lists, one course from the literature section and one course from the visual/performing arts section.

Arts and Literature (10 hours)1. Literature (Select one - 5 hours)

- African-American and African Studies 154, 251*, 254, 271, 345, 367.02 †, 367.03 †, 367.04 †, 551
- Arabic 371*, 372*
- Chinese 251*, 501*, 502*, 503*, 504*
- Classics 101♦, 102♦, 222♦
- Comparative Studies 100*, 201♦, 202.01*, 202.02*, 203♦, 204♦, 205, H240♦, 273♦, 294* (Wi Qtr 2004), 301*, 306*, 308*, 314*
- English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281, 290, 291, 367.02 †, 367.03 †
- French 150♦, 151♦, 152*, 250
- German 250, 260.01♦, 260.02♦, 260.03♦, H263♦, 291♦, 292♦, 399♦
- Hebrew 370*, 372*, 373*, 374*, 378*
- Italian 151♦, 152♦, 251
- Japanese 251*, 252*
- Korean 251*
- Modern Greek 371♦
- NELC 271*, 371*, 372*, 374*
- Persian 370* 371*
- Philosophy 215*, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
- Russian 250*, 251
- Scandinavian 222♦
- Slavic Languages and Literature 245♦
- Spanish 320♦, 321♦ 520*
- Theatre 367.02 †
- Turkish 371*, 372*
- Women's Studies 215, 367.01 †, 367.02†, 367.03†, 367.04 †, 372*
- Yiddish 371♦, 399♦

2. Visual/Performing Arts (Select one - 5 hours)

- Architecture 271¹
- Art 205 (170), 206 (172), 300.01, 300.02 (300), 340 (240), H455
- Art Education 160, 252, 367.01†
- Comparative Studies 358♦
- Dance 161, 200
- East Asian Lang and Lit 346
- English 263, 269
- Film Studies 270
- History of Art 201♦ and 202♦ (210♦, 211♦, 212♦), 213*, 216*, 260*, 300♦ (was 250), 301, 305, 315♦ (was 515), 316, 330 (was 530), 340, 345, 350, 360, 505*, 519♦, 520♦, 525♦, 576*, 582*
- Italian 221♦
- Korean 505
- Landscape Architecture 201
- Medieval & Renaissance Studies 219♦
- Modern Greek 268♦
- Music 250* (140), 251♦ (141), 252 (142), 253 (150), 288, 341, 345.01, 347♦¹, 348*, 349¹

- Philosophy 240, H242
- Physics H455
- Russian 360*
- Scandinavian 520♦
- Spanish 322♦, 330*, 380*
- Theatre 100, H101, 161, H230, 271, 280¹
- Women's Studies 230, 317

¹Note that this is a three credit course and by itself does not meet the minimum credit hour requirement for the Visual and Performing Arts.

Contemporary Issues (Select one - 5 hours)

- AED Econ 597.01
- Animal Sciences 597²
- Anthropology 597.01², 597.02², H597.03², 597.04²
- Biology 597
- City and Regional Planning 597
- Classics 597²
- Comparative Studies 597.01², 597.02²
- Communications 597.01
- English 597²
- ENR 597.02
- Evolution, Ecology & Org Bio 597.02
- Food Science & Technology 597.01, 597.02
- Geodetic Science 597
- Geography 597.01², 597.02²
- History 597²
- Hort & Crop Science 597²
- Human Development and Family Science 597.01, 597.02
- International Studies 597.01, 597.02
- Landscape Architecture 597²
- Linguistics 597.01², 597.02²
- Plant Pathology 597²
- Political Science 597.01², 597.02²
- Psychology 597.01, 597.02, 597.03
- Social Work 597
- Sociology 597.01², 597.02²
- Theatre 597

² This course is open to juniors